

## ROC1 / COR1 (DFO/MPO)

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**From:** National Aerial Surveillance Program - PAC / Programme national de surveillance aérienne - PAC (TC) <tc.nasppac-pnsapac.tc@tc.gc.ca>  
**Sent:** 2018-August-10 7:50 AM  
**To:** 19 wing; Siddique, Abdulla Omar; Barnes, Andreanne; Blackburn, Eric; Ayres, Bob; Masterman, Brian; CANMARNETA; CANMARNETP; ROC1 / COR1 (DFO/MPO); DFO.F PAC EROps / EROps PAC F.MPO; Environment Canada NEEC: EC; Cody, Bill; Cox, Chris; Reid, Daniel; PAC Env Incident / Incident Env Pac (DFO/MPO); Armstrong, George; Graham Thomas; Horner, Ian; Irani, Khushru; Strampe, Isak; Waheed, Israr; ISTOP; IWO; Kidd, Erik; Adamyk-Giblin, Laurie; Murgatroyd, Louise; MARTPacific@telus.net; Barker, Michael; MARSEC, WEST; Mudroch, Paul; NASP-PNSA; National Aerial Surveillance Program - ATL / Programme national de surveillance aérienne - ATL (TC); National Aerial Surveillance Program - CEN / Programme national de surveillance aérienne - CEN (TC); O'Hara, Patrick (EC); Pawar, Jason; Pearce, Kim; Pearce, Simon; Pelton, Jeff; Pemberton, Colleen; Murdock, Philip; RACE P OPS; RACE P PLANS; Raturi, Rajeev; RCC; Macdonald, Ron; Rusticus, Owen; Ryan Lacey RCMP Border Integrity Operations Centre (BIOC); Rawat, Shishir; Sitcen HQ / Centre d'intervention AC (TC); SWO; USCG SECTOR COMMAND; CCG MCTS Victoria / GCC SCTM Victoria (DFO/MPO); Watkinson, Stephen; Webb, Nathan; Whitaker, Robert; Whitaker, Robert (EC); Wootton, Brian; Swain, Alana; Laflamme, André; Barnes, Andreanne; Cody, Bill; Blackburn, Eric; Bouchard, Marie-Claude; Mundle, Brad; Caleb Foote ; CCGUser; Jones, Chad; Craig Broome (craig.broome@canada.ca); Healey, Daniel; Darren Smith ; Boyling, Darryl; Maertens, David; Doug Lockhart (Doug.Lockhart@forces.gc.ca); Doug Walker (doug.walker@pc.gc.ca); Dwight Lovegrove; CCG-ERDO / ODIE-GCC (DFO/MPO); Luna, Feliciano; Fillatre, Gerald; Graham Thomas (graham.thomas@canada.ca); Horner, Ian; Salisbury, Ian; ICE-OPS / ARC-GLACE (DFO/MPO); Ice Montreal; Jackie Dawson (Jackie.Dawson@uottawa.ca); Johar, Jaideep; James Smith; James Weber (James.Weber@forces.gc.ca); MacDonald, Jeff (C&P); Jennifer Henry; Brickett, JJ; Justus, Joseph; Joseph Monteith; jrcchalifax@sarnet.dnd.ca; JrccTrenton; JTFA Race Duty (jtfaraceduty@forces.gc.ca); JTFNOWO; JTFNRACE; Derouin, Ken; Kevin Carr (Kevin.Carr@canada.ca); Kevin Williams (kevin.williams2@forces.gc.ca); Kiley, Anthony; Laverie, Kirk; Vandewater, Kirk; Harding, Lavina; Leger, Serge; Henault, Louis; McKeeman, Mark; MARSEC East; Bouchard, Martin; Matthew Blackman (matthew.blackman@pc.gc.ca); Barton, Michael: DND; Ivany, Michael; Boulianne, Michel; Balaban, Mihai; National Aerial Surveillance Program - ATL / Programme national de surveillance aérienne - ATL (TC); National Aerial Surveillance Program - PAC / Programme national de surveillance aérienne - PAC (TC); Haider, Nazar; Nordreg - Iqaluit; Nordreg1; Pelchat, Isabelle; Bartlett, Peter J; Bryant, Peter; Philip Bowman; Levesque, Philip; Pierre-Louis Tetu - University of Ottawa (ptetu@uottawa.ca); Preya Dhaliwal (Preya.Dhaliwal@canada.ca); Quentin Deering (Quentin.deering@canada.ca); MRSC QUEBEC (DFO/MPO); Gionet, Remi-Martin; Wolfe, Robert; Beirnes, Ron; MacDonald, Rory; Ross Dolan (Ross.dolan@canada.ca); Milton, Scott; Sadoway, Shane; Sivret, Yves; Dufour, Stacy; Stephen Wright (JTFNJ3J5@forces.gc.ca); Buckles, Steve; Steven Stuart; Sowellu, Tamara; Tamlilio, Tanya S; Stein, Terrance; Thompson, Elizabeth; Howell, Todd; Tom Colucci (tommaso.colucci@pc.gc.ca); Travis Halliday (travis.halliday@pc.gc.ca); Owens, Vaughan; Vézina, Lucie; Kamal, Wasif; Armstrong, William  
**Subject:** PREFLIGHT, Transport 951 (C-GSUR), 10 August 2018

**A. FLIGHT MISSION ID: N/A FLIGHT#: SUR2018190**

**B. Mission Purpose: Primary:** Pollution **Secondary:** MARSEC

**C. Region being flown:** Pacific

**D. Planned Area of Coverage:** Steveston/Fraser River/Vancouver/Yellowknife

**E. Estimated Time of Departure:** 1600Z

**Estimated Time Enroute:** 5.0 hours

**F. Remarks:** Aircraft sensors not available – visual patrol with cameras. Planned overflight of Pattullo Bridge area Fraser River due barge fire ROC#0678. Transit to Yellowknife for week-long Western Arctic deployment.

**G. Inmarsat phone:** [REDACTED] Select CABIN when prompted. We are unable to answer calls during take-off and landing periods - if no answer, please wait a few minutes and attempt the call again. Inflight email address: [REDACTED]

**H. Alternate contact:** Dispatch 604-666-1411; [REDACTED]  
[REDACTED]

**I. Unit:** NASP Pacific, 604-666-3927

**NASP Pacific**

*National Aerial Surveillance Program (Pacific)*  
Transport Canada / Government of Canada  
[tc.nasppac-pnsapac.tc@tc.gc.ca](mailto:tc.nasppac-pnsapac.tc@tc.gc.ca) / Tel: 604-666-3927

*Programme national de surveillance aérienne (Pacifique),*  
Transports Canada / Gouvernement du Canada  
[tc.nasppac-pnsapac.tc@tc.gc.ca](mailto:tc.nasppac-pnsapac.tc@tc.gc.ca) / Tel: 604-666-3927



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**ROC1 / COR1 (DFO/MPO)**

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**From:** [REDACTED]  
**Sent:** 2018-August-10 8:04 AM  
**To:** ROC1 / COR1 (DFO/MPO); Comox 19WING; RACEP; RCC; RJOC 1; Msoc, West; RJOC 3  
**Subject:** Transport 951

Good Morning Everyone,

I haven't attached a flight plan today and as we are just transiting north. We are going to do just a little work over the Fraser River and then climbing high off to Yellowknife.

Have a great weekend

[REDACTED]  
NASP

## ROC1 / COR1 (DFO/MPO)

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**From:** National Aerial Surveillance Program - PAC / Programme national de surveillance aérienne - PAC (TC) <tc.nasppac-pnsapac.tc@tc.gc.ca>

**Sent:** 2018-August-10 2:02 PM

**To:** '19 wing'; Siddique, Abdulla Omar; Barnes, Andreanne; Blackburn, Eric; Ayres, Bob; Masterman, Brian; 'CANMARNETA'; 'CANMARNETP'; ROC1 / COR1 (DFO/MPO); DFO.F PAC EROps / EROps PAC F.MPO; Environment Canada NEEC: EC; Cody, Bill; Cox, Chris; Reid, Daniel; PAC Env Incident / Incident Env Pac (DFO/MPO); Armstrong, George; 'Graham Thomas'; Horner, Ian; Irani, Khushru; Strampe, Isak; Waheed, Israr; 'ISTOP'; 'TWO'; Kidd, Erik; Adamyk-Giblin, Laurie; Murgatroyd, Louise; 'MARTPacific@telus.net'; Barker, Michael; MARSEC, WEST; Mudroch, Paul; NASP-PNSA; National Aerial Surveillance Program - ATL / Programme national de surveillance aérienne - ATL (TC); National Aerial Surveillance Program - CEN / Programme national de surveillance aérienne - CEN (TC); 'O'Hara, Patrick (EC)'; Pawar, Jason; Pearce, Kim; Pearce, Simon; Pelton, Jeff; Pemberton, Colleen; Murdock, Philip; 'RACE P OPS'; 'RACE P PLANS'; Raturi, Rajeev; 'RCC'; Macdonald, Ron; Rusticus, Owen; 'Ryan Lacey RCMP Border Integrity Operations Centre (BIOC)'; Rawat, Shishir; Sitcen HQ / Centre d'intervention AC (TC); 'SWO'; 'USCG SECTOR COMMAND'; CCG MCTS Victoria / GCC SCTM Victoria (DFO/MPO); Watkinson, Stephen; Webb, Nathan; Whitaker, Robert; 'Whitaker, Robert (EC)'; Wootton, Brian; Swain, Alana; Laflamme, André; Barnes, Andreanne; Cody, Bill; Blackburn, Eric; Bouchard, Marie-Claude; Mundle, Brad; 'Caleb Foote'; 'CCGUser'; Jones, Chad; 'Craig Broome (craig.broome@canada.ca)'; Healey, Daniel; 'Darren Smith'; Boyling, Darryl; Maertens, David; 'Doug Lockhart (Doug.Lockhart@forces.gc.ca)'; 'Doug Walker (doug.walker@pc.gc.ca)'; 'Dwight Lovegrove'; CCG-ERDO / ODIE-GCC (DFO/MPO); Luna, Feliciano; Fillatre, Gerald; 'Graham Thomas (graham.thomas@canada.ca)'; Horner, Ian; Salisbury, Ian; ICE-OPS / ARC-GLACE (DFO/MPO); 'Ice Montreal'; 'Jackie Dawson (Jackie.Dawson@uottawa.ca)'; Johar, Jaideep; 'James Smith'; 'James Weber (James.Weber@forces.gc.ca)'; MacDonald, Jeff (C&P); 'Jennifer Henry'; Brickett, JJ; Justus, Joseph; 'Joseph Monteith'; 'jrcchalifax@sarnet.dnd.ca'; JrccTrenton; 'JTFA Race Duty (jtfaraceduty@forces.gc.ca)'; 'JTFNOWO'; 'JTFNRACE'; Derouin, Ken; 'Kevin Carr (Kevin.Carr@canada.ca)'; 'Kevin Williams (kevin.williams2@forces.gc.ca)'; Kiley, Anthony; Laverie, Kirk; Vandewater, Kirk; Harding, Lavina; Leger, Serge; Henault, Louis; McKeeman, Mark; MARSEC East; Bouchard, Martin; 'Matthew Blackman (matthew.blackman@pc.gc.ca)'; Barton, Michael; DND; Ivany, Michael; Boulianne, Michel; Balaban, Mihai; National Aerial Surveillance Program - ATL / Programme national de surveillance aérienne - ATL (TC); National Aerial Surveillance Program - PAC / Programme national de surveillance aérienne - PAC (TC); Haider, Nazar; 'Nordreg - Iqaluit'; 'Nordreg1'; Pelchat, Isabelle; Bartlett, Peter J; Bryant, Peter; 'Philip Bowman'; Levesque, Philip; 'Pierre-Louis Tetu - University of Ottawa (ptetu@uottawa.ca)'; 'Preya Dhaliwal (Preya.Dhaliwal@canada.ca)'; 'Quentin Deering (Quentin.deering@canada.ca)'; MRSC QUEBEC (DFO/MPO); Gionet, Remi-Martin; Wolfe, Robert; Beirnes, Ron; MacDonald, Rory; 'Ross Dolan (Ross.dolan@canada.ca)'; Milton, Scott; Sadoway, Shane; Sivret, Yves; Dufour, Stacy; 'Stephen Wright (JTFNJ3J5@forces.gc.ca)'; Buckles, Steve; 'Steven Stuart'; Sowellu, Tamara; Tamilio, Tanya S; Stein, Terrance; Thompson, Elizabeth; Howell, Todd; 'Tom Colucci (tommaso.colucci@pc.gc.ca)'; 'Travis Halliday (travis.halliday@pc.gc.ca)'; Owens, Vaughan; Vézina, Lucie; Kamal, Wasif; Armstrong, William

**Subject:** POSTFLIGHT, Transport 951 (C-GSUR), 10 August 2018

**A. FLIGHT MISSION ID: NIL**

**FLIGHT#:** SUR2018190 Vancouver (CYVR) to Yellowknife (CYZF)

**B. Flight Date:** 10 August 2018

**C. Area:** Steveston/Fraser River/Vancouver/Squamish/Yellowknife.

**D. Chartered Mission Time:** 3.6

**E. Number of Ships contacted:** 0

**F. Number of Ships inspected:** 56

**G. Next planned mission:** 11 Aug 2018 (morning departure).

**H. Remarks:** Two pollution incidents observed. Overflight of barge fire on the Fraser River (ROC#0678) but no pollution observed there. Transit flight to Yellowknife for deployment to the Western Arctic.

**I. Unit:** NASP Pacific – [REDACTED]

***NASP Pacific***

*National Aerial Surveillance Program (Pacific)*  
*Transport Canada / Government of Canada*  
[tc.nasppac-pnsapac.tc@tc.gc.ca](mailto:tc.nasppac-pnsapac.tc@tc.gc.ca) / Tel: 604-666-3927

*Programme national de surveillance aérienne (Pacifique),*  
*Transports Canada / Gouvernement du Canada*  
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## ROC1 / COR1 (DFO/MPO)

---

**From:** National Aerial Surveillance Program - PAC / Programme national de surveillance  
aérienne - PAC (TC) <tc.nasppac-pnsapac.tc@tc.gc.ca>  
**Sent:** 2018–October-10 8:38 PM  
**To:** Siddique, Abdulla Omar; Adam Simons; Amina Ekasmi - ECCC Environmental  
Emergencies; Barnes, Andreanne; Cunningham, Barry; Bernie Egan, Port of Prince  
Rupert; Masterman, Brian; ROC1 / COR1 (DFO/MPO); DFO.F PAC EROps / EROps PAC  
F.MPO; Cox, Chris; CIS ISTOPdesk / SCG Bureau de SIPPS (EC); Environment Canada  
NEEC: EC; Pemberton, Colleen; Reid, Daniel; PAC Env Incident / Incident Env Pac  
(DFO/MPO); Armstrong, George; Gray, Scott; Guillaume Marcotte - ECCC Environmental  
Emergencies; Horner, Ian; Strampe, Isak; Waheed, Israr; IWO; Pawar, Jason; Brady, Jeff;  
Goffic, Jody; Khelifa, Ali (EC); Irani, Khushru; Laura Lam - ECCC Environmental  
Emergencies; Leonard, Mike; Murgatroyd, Louise; MARTPacific@telus.net; Cheverie,  
Megan; Barker, Michael; MARSEC, WEST; Msoc, West; NASP-PNSA; O'Hara, Patrick (EC);  
Barrett, Paul; Pearce, Kim; Pelton, Jeff; Murdock, Philip; Bhalla, Raman; Farrell, Randy;  
Raturi, Rajeev; Raymond, Chris (EC); Macdonald, Ron; Rusticus, Owen; Rawat, Shishir;  
Thomas, Graham (EC); USCG Sector Command; Watkinson, Stephen; Whitaker, Robert;  
Wootton, Brian; Yager, Tyler  
**Subject:** Pollution Report: Transport 951 (C-GSUR), 10 October 2018 \*\*\*Two Pollution Incidents  
Observed\*\*\*  
**Attachments:** 20181010\_SUR2018238.pdf

**Known source :** 0  
**Suspected source :** 0  
**Mystery source :** 2  
**Significant anomaly :** 0

### **NASP Pacific**

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Transport Canada / Government of Canada  
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# C-GSUR Transport 951

## NASP - POLLUTION FLIGHT REPORT PSNA - RAPPORT DE VOL DE POLLUTION

<b>Date</b> <div style="border: 1px solid black; padding: 2px;">October 10, 2018</div>	<b>FLIGHT DATA / DONNÉES DE VOL</b>  <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>From / de</b>  <div style="border: 1px solid black; padding: 2px;">CYVR</div> </div> <div style="width: 45%;"> <b>To / à</b>  <div style="border: 1px solid black; padding: 2px;">CYVR</div> </div> </div> <div style="text-align: center; margin-top: 5px;"> <b>UTC / TUC</b> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>Departure / Départ</b>  <div style="border: 1px solid black; padding: 2px;">19:55</div> </div> <div style="width: 45%;"> <b>Take off / Décollage</b>  <div style="border: 1px solid black; padding: 2px;">19:59</div> </div> </div>	<b>REGIONAL TIME / TEMPS PAR REGION</b> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>PACIFIC</th> <th>ARCTIC</th> <th>ONTARIO</th> <th>QUEBEC</th> <th>MARITIME</th> <th>NFLD/TN</th> </tr> </thead> <tbody> <tr> <td>19:55</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> </tr> <tr> <td>2:19</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> </tr> <tr><td colspan="6"> </td></tr> <tr> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> </tr> <tr> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> </tr> <tr><td colspan="6"> </td></tr> <tr> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> </tr> <tr> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> <td>0:00</td> </tr> <tr><td colspan="6"> </td></tr> <tr> <td>6.4</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> </tr> </tbody> </table> <div style="text-align: right; margin-top: 10px;"> <b>TOTAL</b>    <div style="border: 1px solid black; padding: 2px; margin-left: 10px;">6.4</div> </div>	PACIFIC	ARCTIC	ONTARIO	QUEBEC	MARITIME	NFLD/TN	19:55	0:00	0:00	0:00	0:00	0:00	2:19	0:00	0:00	0:00	0:00	0:00							0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00							0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00							6.4	0.0	0.0	0.0	0.0	0.0
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<b>Crew / Équipage</b>  <div style="display: flex;"> <div style="width: 40%;"> <b>Pilot / Pilote</b>  <div style="border: 1px solid black; height: 20px; width: 100%; background-color: #cccccc;"></div> </div> <div style="width: 60%;"></div> </div> <div style="display: flex;"> <div style="width: 40%;"> <b>Co-pilot / Co-pilote</b>  <div style="border: 1px solid black; height: 20px; width: 100%; background-color: #cccccc;"></div> </div> <div style="width: 60%;"></div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>Landing / Atterrissage</b>  <div style="border: 1px solid black; padding: 2px;">2:13</div> </div> <div style="width: 45%;"> <b>Arrival / Arrivée</b>  <div style="border: 1px solid black; padding: 2px;">2:19</div> </div> </div>																																																																			
<b>Mission Lead / Chef de mission</b> <div style="border: 1px solid black; height: 20px; width: 100%; background-color: #cccccc;"></div>																																																																				
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<b>MISSION OBJECTIVE / BUT DE LA MISSION</b> <div style="border: 1px solid black; padding: 5px; min-height: 100px;">                     NASP / MARSEC                 </div>																																																																				
<b>AREA OF OPERATION / ZONE</b> <div style="border: 1px solid black; padding: 5px; min-height: 100px;">                     Fraser River, Vancouver, Georgia Strait, Gulf Islands, Nanaimo, Campbell River, Johnstone Strait, Alert Bay, Port Hardy, Queen Charlotte Sound, Bella Bella, Hecate Strait, Offshore Vancouver Island.                 </div>																																																																				
<b>COMMENTS/COMMENTAIRES:</b> <div style="border: 1px solid black; padding: 5px; min-height: 100px;">                     Two mystery spills observed.                 </div>																																																																				

	HR/MIN	HR/DEC
CHARTER / NOLISÉ	6:24	6.4
AIRBORNE / EN VOL	6:14	6.2

**Division of charter time**  
Répartition du temps nolisé

POLLUTION	ICE/GLACE	TOTAL
6.4	0.0	6.4



## POLLUTION INCIDENT / INCIDENT DE POLLUTION MYSTERY SPILL / DÉVERSEMENT MYSTÈRE

Time / Heure ON SCENE 23:02 OFF SCENE 23:09 Position Latitude 52 10.28N Longitude 128 08.45W  
UTC/TUC

General Area / Région Générale: Bella Bella

### MEASUREMENTS OF THE SPILL / SUPERFICIE DU DÉVERSEMENT

It is only necessary to use one measurement method.  
C'est seulement nécessaire d'utiliser une méthode de mesure.

LENGTH / LONGEUR	Metres Mètres	Nautical miles	Measurement from/ Mesure de: MSS-6000 SLAR/RABL Polygon/polygone (metres/mètres) <sup>2</sup>
WIDTH / LARGEUR			
Area in metres squared Superficie en mètres carrés	VOID	1 NM <sup>2</sup> = 3,429,904M <sup>2</sup>	0.0012 KM <sup>2</sup> 1200 M <sup>2</sup>

### EVALUATION OF THE SPILL - ÉVALUTATION DU DÉVERSEMENT

Area in metres squared  
Superficie en mètres carrés

Preference is polygon / Préférence est le polygone 1200.00 M<sup>2</sup>

% Coverage / Étendue 60%

Thickness in  
Nanometres  
Épaisseur en  
nanomètres

40	CODE A	
75	CODE B	100%
150	CODE C	
300	CODE D	
1000	CODE E	
3000	CODE F	
TOTAL / TOTALE		100% OK

### ESTIMATED QUANTITY OF POLLUTION QUANTITÉ DE POLLUTION ESTIMÉE

0.1 Litres OK

### Appearance of the spill / Apparence de la déversement:

Silver/Grey sheen in one section of marina between two docks.

AIRCRAFT ALTITUDE / ASL / ANM WIND AT ALTITUDE / ddd/kt-ddd/mn TEMP. AT ALTITUDE / °C  
ALTITUDE DE L'AÉRONEF 1500 VENT EN ALTITUDE 011/06 TEMP. EN ALTITUDE

SKY CONDITION / ÉTAT DU CIEL Clear VISIBILITY / VISIBILITÉ Unlimited  
WEATHER / MÉTÉO None WIND - SEA LEVEL / VENTS - NIVEAU DE LA MER Calm

PHOTOS TAKEN YES/OUI NO/NON  
PHOTOS PRISES X

VIDEOS TAKEN YES/OUI NO/NON  
PRISE VIDÉO X

### GENERAL COMMENTS / COMMENTAIRES GÉNÉRALES

None

Pollution Desk Contacted  
Bureau de la Pollution Contactez

NO

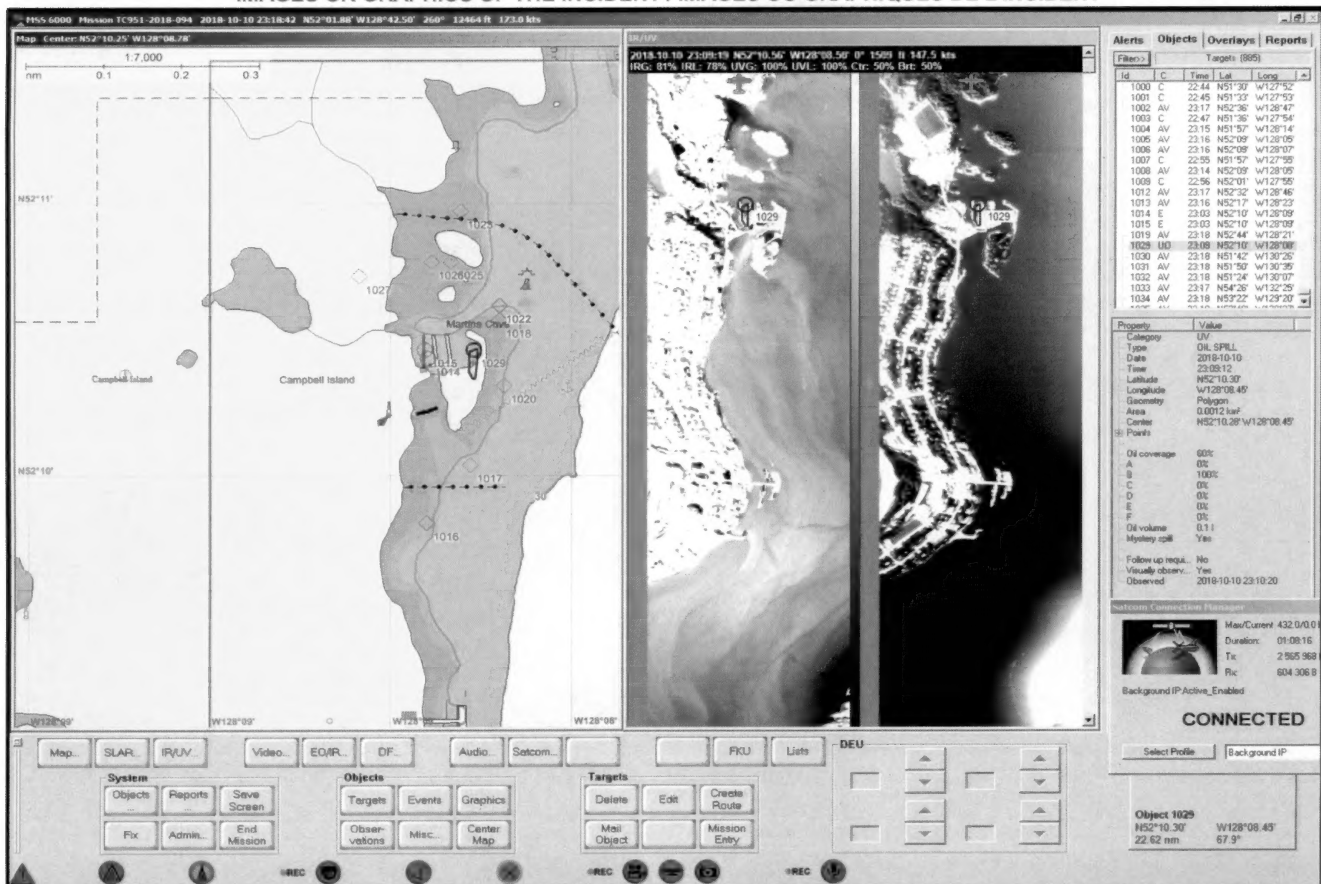
Time /  
Heure

Method  
Méthode

UTC/TUC

Tel/cell  
VHF  
GlobalStar  
Inmarsat

# IMAGES OR GRAPHICS OF THE INCIDENT / IMAGES OU GRAPHIQUES DE L'INCIDENT



## POLLUTION INCIDENT / INCIDENT DE POLLUTION MYSTERY SPILL / DÉVERSEMENT MYSTÈRE

Time / Heure ON SCENE 22:06 OFF SCENE 22:13 Position Latitude 50 35.32N Longitude 126 56.10W  
UTC/TUC

General Area / Région Générale: Alert Bay

### MEASUREMENTS OF THE SPILL / SUPERFICIE DU DÉVERSEMENT

It is only necessary to use one measurement method.  
C'est seulement nécessaire utiliser une méthode de mesure.

LENGTH / LONGEUR WIDTH / LARGEUR	Metres Mètres	Nautical miles	Measurement from/ Mesure de: MSS-6000 SLAR/RABL Polygon/polygone (metres/mètres) <sup>2</sup>
Area in metres squared Superficie en mètres carrés	VOID	1 NM <sup>2</sup> = 3,429,904M <sup>2</sup>	0.09 KM <sup>2</sup> 90000 M <sup>2</sup>

### EVALUATION OF THE SPILL - ÉVALUTATION DU DÉVERSEMENT

Area in metres squared  
Superficie en mètres carrés

Preference is polygon / Préférence est le polygone 90000.00 M<sup>2</sup>

% Coverage / Étendue 40%

Thickness in Nanometres Épaisseur en nanomètres	40	CODE A	
	75	CODE B	40%
	150	CODE C	10%
	300	CODE D	15%
	1000	CODE E	35%
	3000	CODE F	
TOTAL / TOTALE		100% OK	

### ESTIMATED QUANTITY OF POLLUTION QUANTITÉ DE POLLUTION ESTIMÉE

16.4 Litres OK

### Appearance of the spill / Apparence du déversement:

Dull sheen along breakwater extending into the bay with bronze, rainbow and silver sheen.

AIRCRAFT ALTITUDE / ALTITUDE DE L'AÉRONEF	ASL / ANM 1500	WIND AT ALTITUDE / VENT EN ALTITUDE	ddd/kt-ddd/mn 062/06	TEMP. AT ALTITUDE / TEMP. EN ALTITUDE	°C
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SKY CONDITION / ÉTAT DU CIEL	OVC 3000	VISIBILITY / VISIBILITÉ	15
WEATHER / MÉTÉO	NIL	WIND - SEA LEVEL / VENTS - NIVEAU DE LA MER	Calm

PHOTOS TAKEN PHOTOS PRISES	YES/OUI X	NO/NON
-------------------------------	--------------	--------

VIDEOS TAKEN PRISE VIDÉO	YES/OUI X	NO/NON
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### GENERAL COMMENTS / COMMENTAIRES GÉNÉRALES

No confirmed source

Pollution Desk Contacted  
Bureau de pollution contacté

Yes

Time /  
Heure

2222

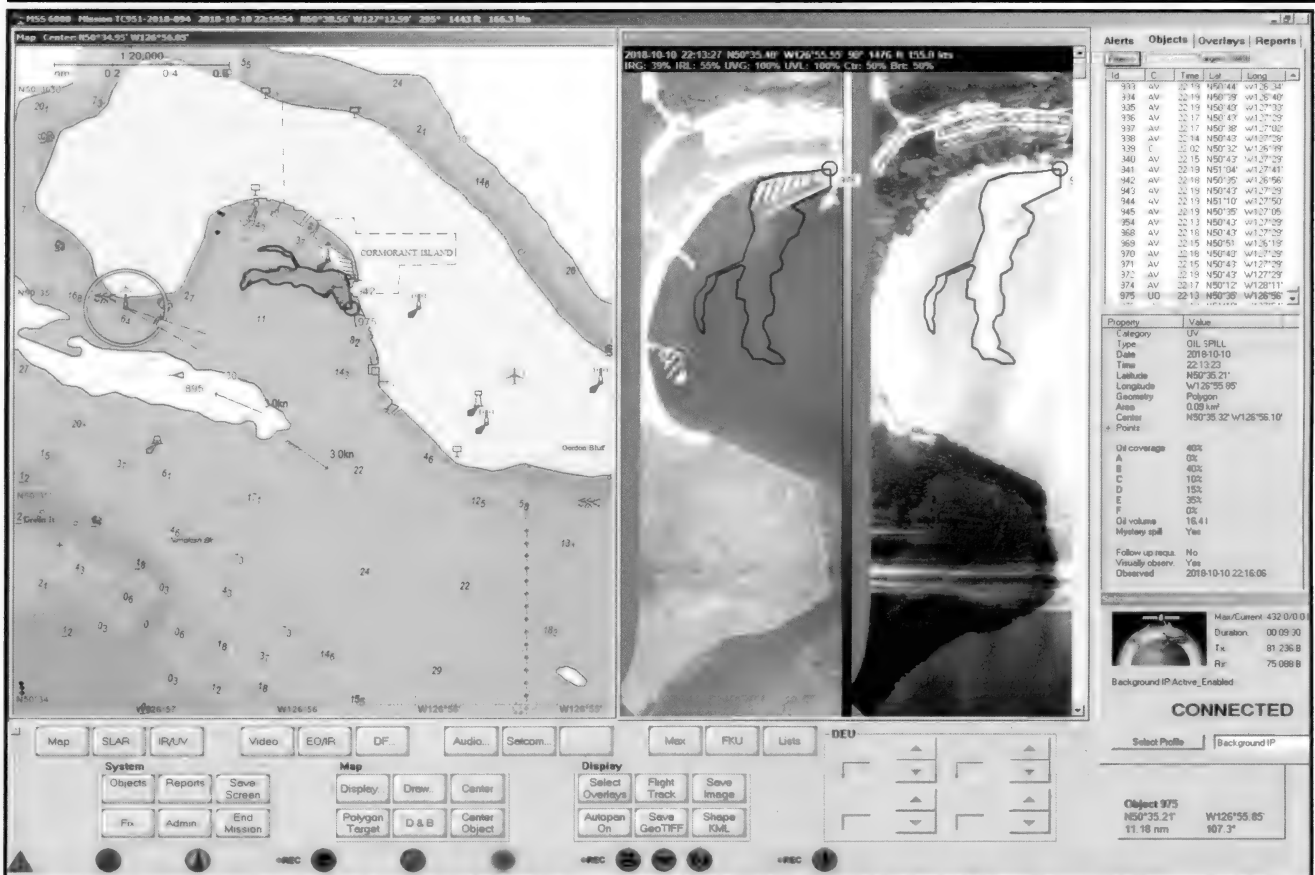
UTC/TUC

Method  
Méthode

Tel/cell  
VHF  
GlobalStar  
Inmarsat

Email

# IMAGES OR GRAPHICS OF THE INCIDENT / IMAGES OU GRAPHIQUES DE L'INCIDENT



S&T MSS 6000 Mission: TC951-2018-094 2018-10-10 22:07:18 N50°35.65' W126°55.86' 314" 1489 ft 156.8 kts SCAM: Port Image: 0037



## **ROC1 / COR1 (DFO/MPO)**

---

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** 2018-August-10 7:46 AM  
**Subject:** 18-088 Incident Initial Notification, ER, BARGE FIRE NEAR PATULLA BRIDGE Initial

### **18-088 Incident Initial Notification, ER, Barge Fire Near Patulla Bridge, VANCOUVER – INITIAL**

#### **CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE**

**Description of threat/event:** At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security.

**Anticipated Media Attention:**

High

**Program Reporting:**

ER

**Current CCG Actions:**

CG PRV 3 is tasked with 1000' of containment boom, CG PRV 2 is tasked to assist with boom deployment. Both vessels from Sea Island CG base have been tasked.

**Current Actions (other):**

**Initial analysis/impact assessment on CCG:**

None

**Notification provided to:**

Standard distribution list

**Next Steps:**

Assess need to deploy containment boom once on scene. Ensure vessels in the area remain at a safe distance. Assist local fire department as required.

**DISCLAIMER \*\*This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.**

**ROC1 / COR1 (DFO/MPO)**

---

**From:** Brown, Marsha  
**Sent:** 2018–August-10 9:12 AM  
**Subject:** 18-088 Incident Initial Notification, ER, Barge Fire Near Patulla Bridge, VANCOUVER - INITIAL  
**Attachments:** 18-088 Incident Initial Notification, ER, Barge Fire Near Patulla Bridge, Vancouver, BC.ppt; 18-088 Incident Initial Notification, ER, Barge Fire Near Patulla Bridge, Vancouver, BC.pdf

Please find attached the enhanced NINP for a BARGE FIRE near PATULLA BRIDGE, VANCOUVER, BC. If you have any questions, please don't hesitate to contact MSOC (W) at 250-363-7633.

Regards,

**Marsha Brown**

**Maritime Security Officer, Marine Security Operations Centre - West**

Canadian Coast Guard / Government of Canada

[Marsha.Brown@dfo-mpo.gc.ca](mailto:Marsha.Brown@dfo-mpo.gc.ca) / Tel: (250) 363-7633 Fax: (250) 363-2338

**Agent de la sûreté maritime, Centre d'opérations de la sûreté maritime – Ouest**

Garde côtière canadienne / Gouvernement du Canada

[Marsha.Brown@dfo-mpo.gc.ca](mailto:Marsha.Brown@dfo-mpo.gc.ca) / Tel: (250) 363-7633 Fax: (250) 363-2338



Fisheries and Oceans  
Canada

Canadian  
Coast Guard

Garde côtière  
canadienne

UNCLASSIFIED

# 18-088 Incident Initial Notification, ER, BARGE FIRE NEAR PATULLA BRIDGE, VANCOUVER – Initial



Safety First. Service Always.



Prepared by Marine Security Operations Centre West - Coast Guard

10 August, 2018

0555 PST (UTC-8)

Canada

# EVENT



## NOTIFICATION OF A SIGNIFICANT EVENT CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE

### Description of threat/event:

At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security.

### Anticipated Media Attention:

High

### Program Reporting:

ER

### Current CCG Actions:

CG PRV 3 is tasked with 1000' of containment boom, CG PRV 2 is tasked to assist with boom deployment. Both vessels from Sea Island CG base have been tasked.

### Current Actions (other):

### Initial analysis/impact assessment on CCG:

None

### Notification provided to:

Standard distribution list

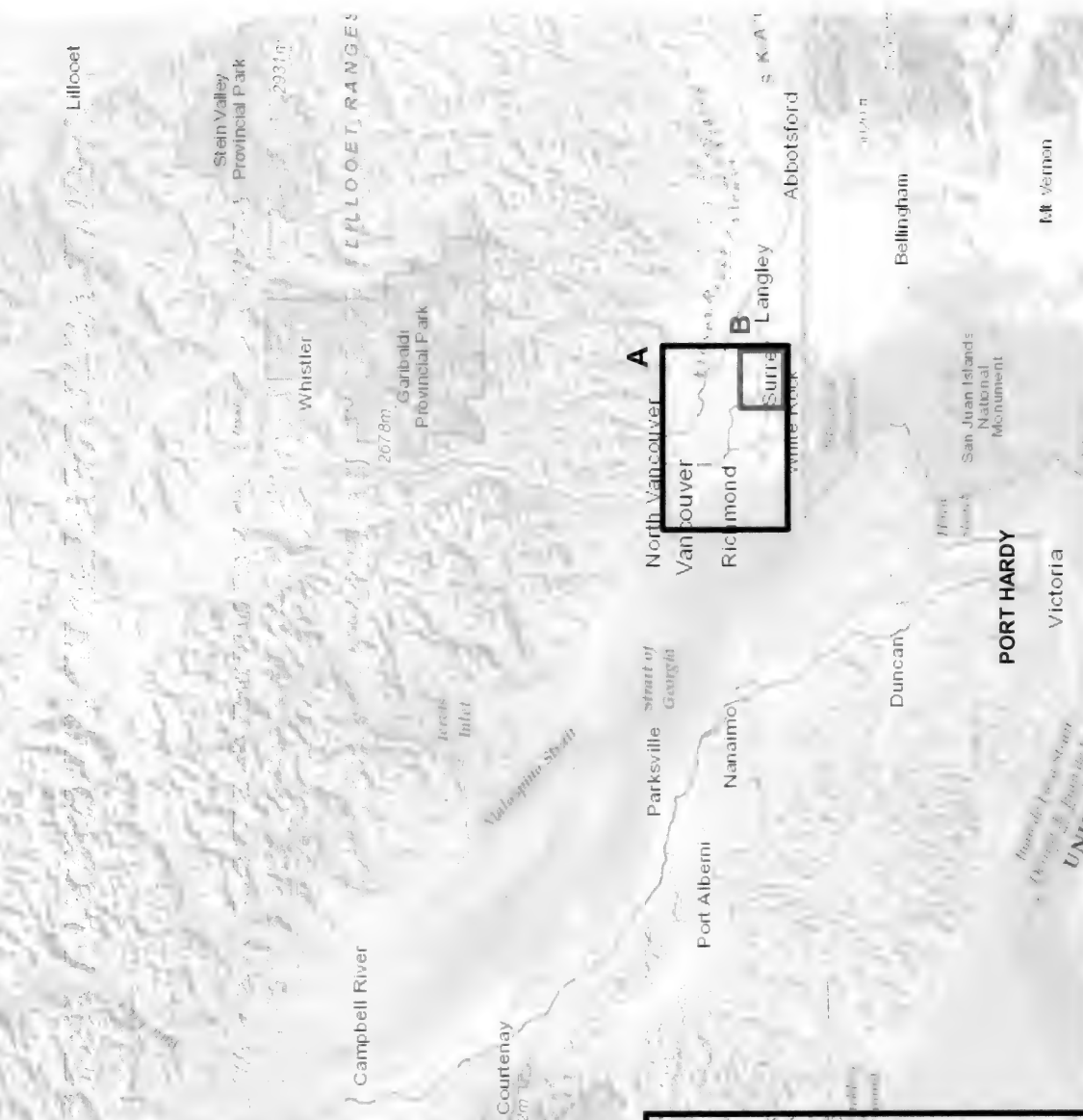
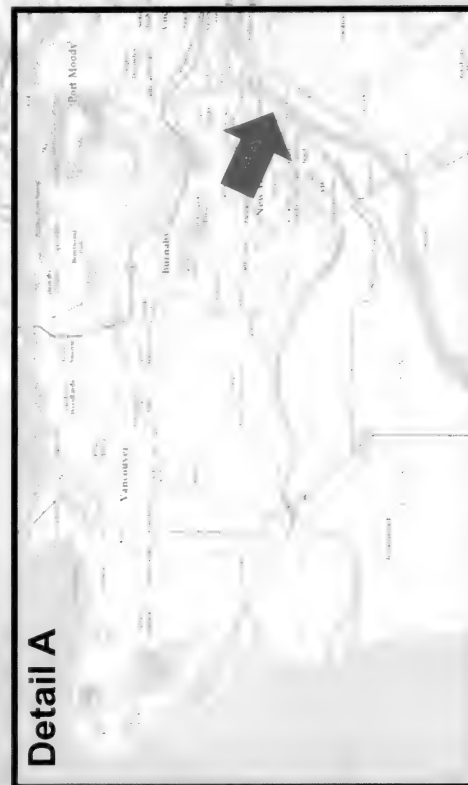
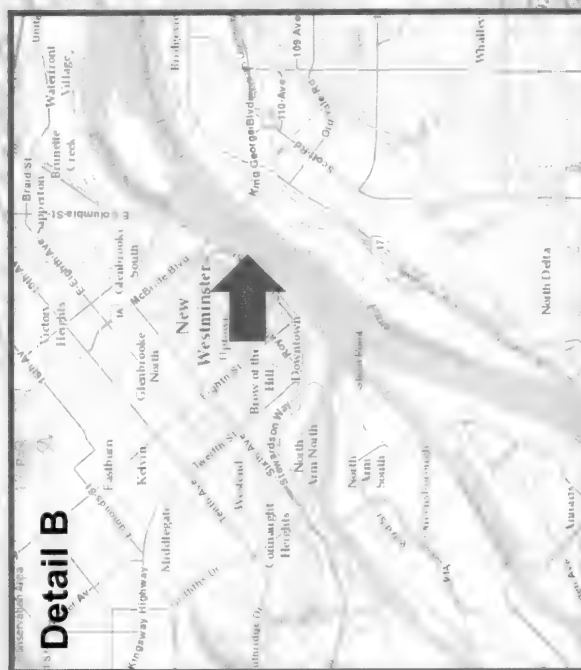
### Next Steps:

Assess need to deploy containment boom once on scene. Ensure vessels in the area remain at a safe distance. Assist local fire department as required.

2

•DISCLAIMER \*\*This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified/validated by CCG. Therefore, caution should be used when using this information.

# POSITION



# VESSEL



## CG PRV 3 & CG PRV 2



Name: CG PRV 3 & CG PRV 2  
Vessel Type: Pollution Response  
Flag: CANADA

# WEATHER

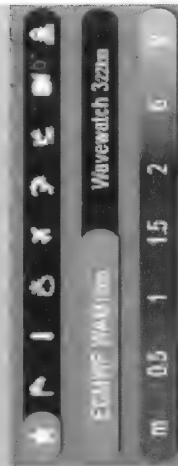
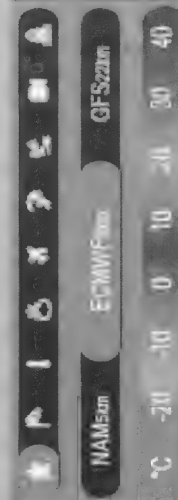
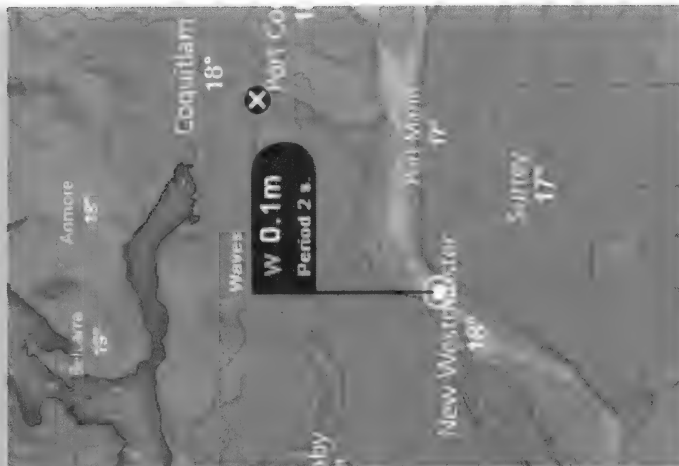
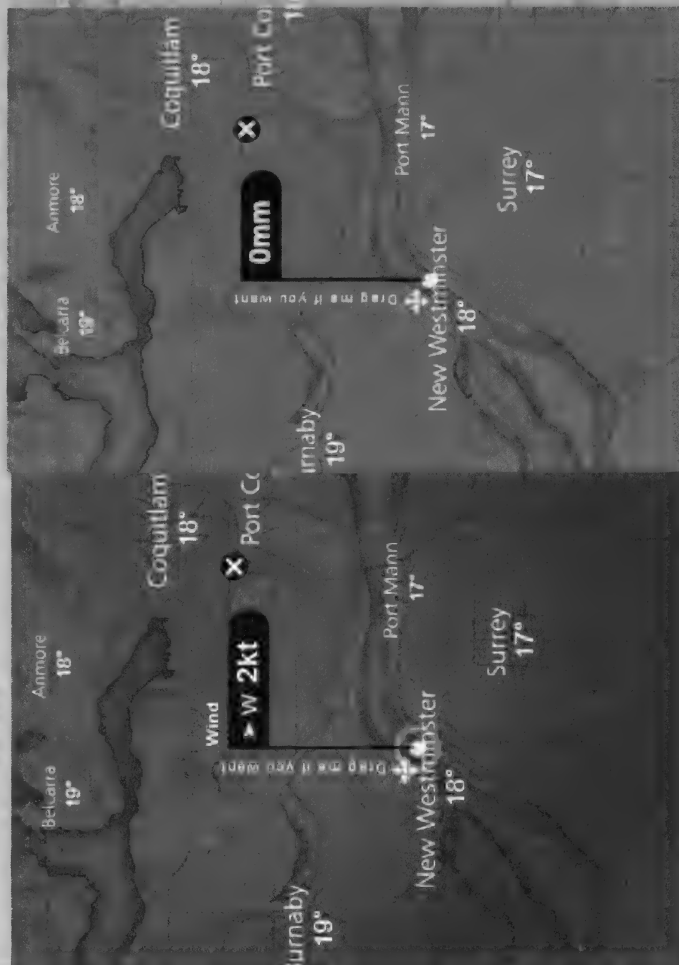


## WIND

## PRECIPITATION

## TEMPERATURE

## WAVES



## **ROC1 / COR1 (DFO/MPO)**

---

**From:** CCG West MSOC / COSM Ouest GCC (DFO/MPO)  
**Sent:** 2018-August-10 10:30 AM  
**Subject:** 18-088 Incident Initial Notification, ER, Barge Fire Near Patulla Bridge, VANCOUVER - INITIAL  
**Attachments:** 18-088 Incident Initial Notification ER Barge Fire Near Patulla Bridge Vancouver BC.pdf

Good Morning,

E-NINP 18-088, resent due to distribution list issues.

Please find attached the enhanced NINP for a BARGE FIRE near PATULLA BRIDGE, VANCOUVER, BC. If you have any questions, please don't hesitate to contact MSOC (W) at 250-363-7633 or by email [MSOC-West.xnat@dfo-mpo.gc.ca](mailto:MSOC-West.xnat@dfo-mpo.gc.ca)

Regards,

Blair Johnson  
Maritime Security Officer  
Canadian Coast Guard  
MSOC West  
PO Box 19000 Stn Forces  
Building D100  
CFB Esquimalt, Victoria, BC, V9A 7N2  
(250) 363-7633

**Pages 22 to / à 26  
are duplicates  
sont des duplicatas**

## **ROC1 / COR1 (DFO/MPO)**

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**From:** Harris, Piper  
**Sent:** 2018-August-10 11:32 AM  
**To:** ROC1 / COR1 (DFO/MPO)  
**Subject:** FW: 18-088 Incident Initial Notification, ER, BARGE FIRE NEAR PATULLA BRIDGE Update #1

### **18-088 Incident Initial Notification, ER, Barge Fire Near Patulla Bridge, VANCOUVER – INITIAL**

#### **CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE**

**Description of threat/event:** At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security.

1115 PDT Firefighting efforts continue. Vancouver harbour fire boat remains on scene and is coordinating logistics to remain on scene as required. Barge stability remains good. Schnitzer has contracted Valley Towing's barge and crane to assist with cargo movement to assist firefighting efforts. Schnitzer has been asked to provide air quality monitoring. On water pollution is reported to be minimal non recoverable sheen. Next conference call led by Vancouver Port Authority at 1400 PDT

#### **Anticipated Media Attention:**

High

Media requests are to be routed through the Vancouver Port Authority.

#### **Program Reporting:**

ER

#### **Current CCG Actions:**

CG PRV 3 is tasked with 1000' of containment boom, CG PRV 2 is tasked to assist with boom deployment. Both vessels from Sea Island CG base have been tasked. CG PRV 2 and 3 are on scene and standing by to deploy equipment as required

#### **Current Actions (other):**

#### **Initial analysis/impact assessment on CCG:**

None

#### **Notification provided to:**

Standard distribution list

#### **Next Steps:**

Assess need to deploy containment boom once on scene. Ensure vessels in the area remain at a safe distance. Assist local fire department as required. Monitor and assist as required

**DISCLAIMER \*\*This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.**

## **ROC1 / COR1 (DFO/MPO)**

---

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** 2018–August-10 11:38 AM  
**Subject:** 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLA BRIDGE

**Description of threat/event:** At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security.

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### **Current Actions (other):**

### **Initial analysis/impact assessment on CCG:**

None

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Standard distribution list

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## **ROC1 / COR1 (DFO/MPO)**

---

**From:** Harris, Piper  
**Sent:** 2018-August-10 3:31 PM  
**To:** ROC1 / COR1 (DFO/MPO)  
**Subject:** FW: 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLA BRIDGE UPDATE 2

Update for 1500 in Blue

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** August-10-18 11:38 AM  
**Subject:** 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLA BRIDGE

**Description of threat/event:** At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security.

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1500 PDT firefighting efforts continue. Size and intensity of the fire is greatly diminished. Material is being removed from the barge and placed ashore where further cooling and monitoring is more easily possible. Air quality monitoring is in place. Water quality testing has been requested by two local First Nations as there is a fishery currently open. Water quality testing is being arranged. CG on water crew's report no pollution. Next conference call led by Vancouver Port Authority at 1700 PDT

### **Anticipated Media Attention:**

High

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### **Program Reporting:**

ER

Lead agency Vancouver Port Authority

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CG PRV 3 is tasked with 1000' of containment boom, CG PRV 2 is tasked to assist with boom deployment. Both vessels from Sea Island CG base have been tasked. CG PRV 2 and 3 are on scene and standing by to deploy equipment as required

### **Current Actions (other):**

#### **Initial analysis/impact assessment on CCG:**

None

#### **Notification provided to:**

Standard distribution list

#### **Next Steps:**

Assess need to deploy containment boom once on scene. Ensure vessels in the area remain at a safe distance. Assist local fire department as required. Monitor and assist as required

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## **ROC1 / COR1 (DFO/MPO)**

---

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** 2018–August-10 3:49 PM  
**To:** Brady, Jeff; Brand, Tyler; CCG MCTS RHQ Western / GCC SCTM bureau régional l'Ouest (DFO/MPO); Cunningham, Barry; Devine, Trevor TC; DFO; DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO; Goffic, Jody; Hahlen, Marc; Harris, Piper; Haubert, Marie-Christine; Henthorne, Colin; 'JRCCVictoria'; Lastik, Darryl; Macdonald, Ron; Martens, Michael; Ormiston, Glenn; Public Safety; Simpson, Linda; Swift, Greg; Thirkell, Darcene; Thomas, John; Van Roosmalen, Miriam; Walker, Gregory; Ward, Kelly; Webb, Nathan; Westnedge, Kiri; Yager, Tyler  
**Subject:** 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLO BRIDGE UPDATE 2

**Description of threat/event:** At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security. 1115 PDT Firefighting efforts continue. Vancouver harbour fire boat remains on scene and is coordinating logistics to remain on scene as required. Barge stability remains good. Schnitzer has contracted Valley Towing's barge and crane to assist with cargo movement to assist firefighting efforts. Schnitzer has been asked to provide air quality monitoring. On water pollution is reported to be minimal non recoverable sheen. Next conference call led by Vancouver Port Authority at 1400 PDT

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ER

Lead agency Vancouver Port Authority

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CG PRV 3 is tasked with 1000' of containment boom, CG PRV 2 is tasked to assist with boom deployment. Both vessels from Sea Island CG base have been tasked. CG PRV 2 and 3 are on scene and standing by to deploy equipment as required

### **Current Actions (other):**

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None

### **Notification provided to:**

Standard distribution list

### **Next Steps:**

Assess need to deploy containment boom once on scene. Ensure vessels in the area remain at a safe distance. Assist local fire department as required. Monitor and assist as required

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**No information has been removed or severed from this page**

## **ROC1 / COR1 (DFO/MPO)**

---

**From:** Harris, Piper  
**Sent:** 2018-August-10 6:26 PM  
**To:** ROC1 / COR1 (DFO/MPO)  
**Subject:** Fwd: 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLA BRIDGE UPDATE 2

Please amend NINP for barge fire to say

PRV 2 and PRV 3 have returned to base

Piper Harris

Coast Guard

Environmental Response

---

**From:** Harris, Piper <piiper.harris@dfo-mpo.gc.ca>  
**Sent:** Friday, August 10, 2018 5:46 PM  
**Subject:** Re: 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLA BRIDGE UPDATE 2  
**To:** Brady, Jeff <jeff.brady@dfo-mpo.gc.ca>  
**Cc:** Murdock, Philip <philip.murdock@dfo-mpo.gc.ca>

Roger Wilco

Piper Harris

Coast Guard

Environmental Response

On Fri, Aug 10, 2018 at 5:44 PM -0700, "Brady, Jeff" <[Jeff.Brady@dfo-mpo.gc.ca](mailto:Jeff.Brady@dfo-mpo.gc.ca)> wrote:

Please amend to say PRV 2 has RTB and PRV 3 will be departing shortly.

Jeff Brady

Deputy Superintendent

## Environmental Response

Canadian Coast Guard

(604) 816-7432

Jeff.Brady@dfo-mpo.gc.ca

To report marine pollution call 1-800-889-8852

On Fri, Aug 10, 2018 at 3:08 PM -0700, "Harris, Piper" <[Piper.Harris@dfo-mpo.gc.ca](mailto:Piper.Harris@dfo-mpo.gc.ca)> wrote:

Please see below for update to NINP (in blue). I will send it to the ROC upon your approval

PH

**From:** ROC1 / COR1 (DFO/MPO)

**Sent:** August-10-18 11:38 AM

**Subject:** 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLA BRIDGE

**Description of threat/event:** At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security. 1115 PDT Firefighting efforts continue. Vancouver harbour fire boat remains on scene and is coordinating logistics to remain on scene as required. Barge stability remains good. Schnitzer has contracted Valley Towing's barge and crane to assist with cargo movement to assist firefighting efforts. Schnitzer has been asked to provide air quality monitoring. On water pollution is reported to be minimal non recoverable sheen. Next conference call led by Vancouver Port Authority at 1400 PDT

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### **Anticipated Media Attention:**

High

Media requests are to be routed through the Vancouver Port Authority.

### **Program Reporting:**

ER

### **Current CCG Actions:**

CG PRV 3 is tasked with 1000' of containment boom, CG PRV 2 is tasked to assist with boom deployment. Both vessels from Sea Island CG base have been tasked. CG PRV 2 and 3 are on scene and standing by to deploy equipment as required

**Current Actions (other):**

**Initial analysis/impact assessment on CCG:**

None

**Notification provided to:**

Standard distribution list

**Next Steps:**

Assess need to deploy containment boom once on scene. Ensure vessels in the area remain at a safe distance. Assist local fire department as required. Monitor and assist as required

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## **ROC1 / COR1 (DFO/MPO)**

---

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** 2018-August-10 6:32 PM  
**Subject:** 18-088 Incident SITREP #2, ER, BARGE FIRE NEAR PATULLO BRIDGE, CORRECTION

### **18-088 Incident SITREP #2, ER, BARGE FIRE NEAR PATULLO BRIDGE CORRECTION**

**Description of threat/event:** At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security.

1115 PDT Firefighting efforts continue. Vancouver harbour fire boat remains on scene and is coordinating logistics to remain on scene as required. Barge stability remains good. Schnitzer has contracted Valley Towing's barge and crane to assist with cargo movement to assist firefighting efforts. Schnitzer has been asked to provide air quality monitoring. On water pollution is reported to be minimal non recoverable sheen. Next conference call led by Vancouver Port Authority at 1400 PDT

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#### **Anticipated Media Attention:**

High

Media requests are to be routed through the Vancouver Port Authority.

#### **Program Reporting:**

ER

Lead agency Vancouver Port Authority

#### **Current CCG Actions:**

CG PRV 3 is tasked with 1000' of containment boom, CG PRV 2 is tasked to assist with boom deployment. Both vessels from Sea Island CG base have been tasked. CCG PRV 2 and PRV 3 have returned to base.

#### **Current Actions (other):**

#### **Initial analysis/impact assessment on CCG:**

None

#### **Notification provided to:**

Standard distribution list

#### **Next Steps:**

Assess need to deploy containment boom once on scene. Ensure vessels in the area remain at a safe distance. Assist local fire department as required. Monitor and assist as required

**DISCLAIMER \*\*This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.**

## ROC1 / COR1 (DFO/MPO)

---

**From:** Brady, Jeff  
**Sent:** 2018–August-11 10:37 AM  
**To:** ROC1 / COR1 (DFO/MPO)  
**Subject:** Incident Sitrep Barge Fire

**Importance:** High

Hello,

Please fan-out this NINP Sitrep FINAL for the Barge Fire on the Fraser River. I believe this is number 3 or 4...

### XX-XXX Incident Sitrep #1, Reporting Program, INSERT Brief Description/Location

**1. CCG Region/Incident Name:**

Western/ Barge Fire Fraser River (Surrey, BC)

**2. Incident Category/Type:**

ER/Type 4

**3. Date/Time:**

08/11/18, 1100hrs PST

**4. Primary Department(s)/Agency(s):**

Vancouver Port Authority, Surrey/Vancouver Fire Departments, BC Ministry of Environment

**5. Supporting Departments/Agencies:**

Canadian Coast Guard, Musqueam First Nation, Vancouver Coast Health, FN Health Authority

**6. Regional Location:**

a. Province/Territory: *BC, Fraser River*

b. City: *Surrey*

c. Amplifying location details (as required): *Pattula Bridge*

**7. Current Situation:**

Crew continuously sprayed water on the fire throughout the night, and the fire onboard the scrap metal barge is out. Crews continue to unload cargo from the barge deck, and a damage assessment is underway. At this time, the barge has significant warping and discolouration from the heat.

**8. Actions Taken:**

Three (3) samples were taken based on guidance from Musqueam First Nations – one upstream of the barge and two downstream of the barge within the vicinity of the Pattullo Bridge/New West Rail bridge and Sky Train bridge.

**9. Media/Public Communications:**

Media activity has reduced since the fire was put out, and smoke dissipated.

**10. Activities Next 24 Hours:**

Now the fire is out, crews (local contractor) will be deploying containment boom around the vessel as a preventative measure.

Sea Island CCG will be on scene to day to provide update on the barge's condition (if it has a list, pumping water, removing cargo), and to confirm there is no pollution.

**11. Environmental Factors:**

Significant current in the Fraser River.

**12. Significant Issues:**

*This weekend was a planned opening for the sockeye salmon food fishery for local first nations. Nations communicated significant concern for the amount, and toxicity of water run off, following firefighting activities.*

**13. Personnel Status:**

a. **CCG:** 2

b. **Others:** 18 (Owner and Contractors)

**14. Equipment Status:**

a. **CCG:** 1000' of curtain boom

b. **Others:** Small vessel for booming and samples.

**15. New Requirements:** None

**16. Command Assessment:** CCG remains as a resource agency to the Port of Vancouver. No new resource requests have been made from the Port.

**17. Next SITREP FINAL**

## ROC1 / COR1 (DFO/MPO)

---

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** 2018-August-11 10:59 AM  
**Subject:** 18-088 Incident Sitrep FINAL, ER, BARGE FIRE NEAR PATULLO BRIDGE  
**Importance:** High

### 18-088 Incident Sitrep FINAL, ER, BARGE FIRE NEAR PATULLO BRIDGE

**1. CCG Region/Incident Name:**

Western/ Barge Fire Fraser River (Surrey, BC)

**2. Incident Category/Type:**

ER/Type 4

**3. Date/Time:**

08/11/18, 1100hrs PST

**4. Primary Department(s)/Agency(s):**

Vancouver Port Authority, Surrey/Vancouver Fire Departments, BC Ministry of Environment

**5. Supporting Departments/Agencies:**

Canadian Coast Guard, Musqueam First Nation, Vancouver Coast Health, FN Health Authority

**6. Regional Location:**

a. Province/Territory: *BC, Fraser River*

b. City: *Surrey*

c. Amplifying location details (as required): *Pattula Bridge*

**7. Current Situation:**

Crew continuously sprayed water on the fire throughout the night, and the fire onboard the scrap metal barge is out. Crews continue to unload cargo from the barge deck, and a damage assessment is underway. At this time, the barge has significant warping and discolouration from the heat.

**8. Actions Taken:**

Three (3) samples were taken based on guidance from Musqueam First Nations – one upstream of the barge and two downstream of the barge within the vicinity of the Patullo Bridge/New West Rail bridge and Sky Train bridge.

**9. Media/Public Communications:**

Media activity has reduced since the fire was put out, and smoke dissipated.

**10. Activities Next 24 Hours:**

Now the fire is out, crews (local contractor) will be deploying containment boom around the vessel as a preventative measure.

Sea Island CCG will be on scene to day to provide update on the barge's condition (if it has a list, pumping water, removing cargo), and to confirm there is no pollution.

**11. Environmental Factors:**

Significant current in the Fraser River.

**12. Significant Issues:**

*This weekend was a planned opening for the sockeye salmon food fishery for local first nations. Nations communicated significant concern for the amount, and toxicity of water run off, following firefighting activities.*

**13. Personnel Status:**

a. **CCG:** 2

b. **Others:** 18 (Owner and Contractors)

**14. Equipment Status:**

a. **CCG:** 1000' of curtain boom

b. **Others:** Small vessel for booming and samples.

**15. New Requirements:** None

16. **Command Assessment:** CCG remains as a resource agency to the Port of Vancouver. No new resource requests have been made from the Port.


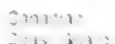

17. **Next SITREP FINAL**

**ROC1 / COR1 (DFO/MPO)**

**From:** CCG West ROC / COR Ouest GCC (DFO/MPO)  
**Sent:** 2018-August-10 6:16 AM  
**To:** ROC1 / COR1 (DFO/MPO)  
**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL

0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL

CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE

GENERAL INFORMATION- POLLUTION REPORT			
DATE/TIME OF REPORT:	2018-08-10 05:55 PDT		
DATE/TIME OF SPILL:	2018-08-10 POTENTIAL		
REPORTING PARTY/CONTACT INFO:	VIC MCTS		
SITUATION DETAILS			
LOCATION/POSITION :	SURREY BC, PATULLA BRIDGE -12195 MUSQUEAM DRIVE		
TYPE OF POLLUTANT:	UNKNOWN		
QUANTITY:	UNKNOWN	COLOUR/ODOUR:	
ORIGIN:	SCRAP BARGES		
WEATHER CONDITIONS:	CALM, LIGHT WINDS		
ADDITIONAL INFORMATION:	911 FIRE INFORMED ROC FOR POTENTION MARINE POLLUTION. ER OFFICER NOTIFIED AND WILL ASSESS.		
PICTURES:	N/A		
VESSEL INFORMATION (IF APPLICABLE)			
VESSEL NAME:			
CALL SIGN AND MMSI:			
OVERALL LENGTH (LOA) :			
VESSEL TYPE:			
OWNER/AGENT/FLAG:			
ADDITIONAL INFORMATION:			
ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)			
CCG-W ER DUTY OFFICER	2018-08-10	05:50 PDT	GS
TC MARINE SAFETY – VANCOUVER (ONLY IF A VESSEL IS INVOLVED)			
VANCOUVER HM (ONLY WITHIN HARBOUR OR SHIP BOUND FOR HARBOUR)			
Area MCTS Centre			
DFO PUBLIC AFFAIRS (NEWS POTENTIAL ONLY)			
ROC OFFICER:	CK		
REGIONAL OPERATIONS CENTRE - WESTERN			
CANADIAN COAST GUARD/GOVERNMENT OF CANADA			
ROC1-COR1.MPO@dfo-mpo.gc.ca /TEL (hotline) : 1-800-889-8852 /			
TEL (non-emergency): 250-480-2772 / BB: [REDACTED]			
 Fisheries and Oceans Canada / Pêches et Océans Canada  Canadian Coast Guard / Garde côtière Canada			
			

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** 2018-August-10 6:17 AM  
**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL  
**Attachments:** BARGE FIRE.JPG

CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE

TEL (non-emergency): 250-480-2772 / BB:





**ROC1 / COR1 (DFO/MPO)**

---

**From:** EMBC ECC1 EMBC:EX [REDACTED]  
**Sent:** 2018-August-10 7:17 AM  
**To:** ROC1 / COR1 (DFO/MPO); ENV EEP Duty Manager ENV:EX; Lipsett, Kandis ENV:EX; Mole, Allan ENV:EX; Wagner, Rick S ENV:EX; Watts, Joshua ENV:EX; Brett, Rhonda ENV:EX; LMR Website Contact ENV:EX; Fuller, Ryan ENV:EX; MacDougall, Christy ENV:EX; Meeks, Ken ENV:EX; Pope, Mitch ENV:EX; Robertson, Ashley B ENV:EX; \*INAC; \*Public Safety Canada PSC ; Anderson, Gordon A EMBC:EX; Boyle, Laurie F ENV:EX; Brooke, Daisy GCPE:EX; Cooper, Robert EMBC:EX; Duffy, Chris D EMBC:EX; EMBC OPERATIONS REGIONAL STAFF ALL; EMBC PDM EMBC:EX; EMBC Social Media; Fallows, Norm ENV:EX; French, Ron EMBC:EX; Hurst, Maurie L EMBC:EX; IRR Critical Incidents and Emergency Management Branch; Jonker, Jennifer B ENV:EX; Lipsett, Kandis ENV:EX; Knox, Graham G AGRI:EX; Launder, Sue R EMBC:EX; Lightbody, Ian EMBC:EX; HLTH MOC Duty Officer HLTH:EX; Owens, Rick EMBC:EX; Poss, Angie ENV:EX; Ree, Terrance EMBC:EX; Robins, Shawn GCPE:EX; Sego, D'Arcy ENV:EX; Sinnemann, Christina ENV:EX; Turner, Jordan GCPE:EX; Turner, Robert EMBC:EX  
**Subject:** DGIR 181701 Code 2  
**Attachments:** DGIR 181701 Code 2.pdf

**Operations Officer** | Emergency Coordination Centre  
Emergency Management BC  
Block A – Suite 200, 2261 Keating Cross Rd  
Saanichton, BC CANADA V8M 2A5

24 Hour Emergency: 1.800.663.3456

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ManagementBC

## Dangerous Goods Incident Report

DGIR 181701 - OCEAN

Category : Code 2

Incident Date Time :

MCTS # : 0678

<b>Spiller :</b>	SCHNITZER STEEL CANADA		
<b>Location :</b>	NEAR 12195 MUSQUEAM DRIVE- PATULLA BRIDGE		
<b>Area :</b>	SURREY	<b>EMBC Region :</b> SWE	<b>MOE Region :</b> Lower Mainland Region
<b>Material(s):</b>	BARGE FIRE - CODE 2		
<b>Amount(s):</b>	BARGE		
<b>Received From:</b>			
<b>Caller A :</b> DISPATCH		<b>Caller B :</b> VIA EMAIL	
<b>Org :</b> SURREY FIRE DEPARTMENT		<b>Org :</b> CCG-ROC	
<b>Phone :</b> Business 604-543-6700		<b>Phone :</b>	
<b>Alternate :</b>		<b>Alternate :</b>	
<b>Time :</b>		<b>Time :</b>	
<b>Received by EMBC Operations Officer :</b> ISABELLE		<b>When Received :</b> 2018-08-10 06:13	
<b>Affected Environment :</b> Marine River		<b>Other :</b>	
<b>Type of Spilling :</b> Unknown		<b>Other Spill Type :</b>	
<b>Accidents:</b>			
<b>Sector:</b> Industrial			
<b>Cause :</b> Advised there is a docked barge on fire on the water. The barge is full of scrap metal and cars. The reason for the fire is unknown. FD is on scene... The company that owns the barge is Schnitzer Steel Canada Limited. Point of contact is Nures Kara (604-999-0924) who called ECC to confirm the report was generated and to notify that there are no fluids from the vehicles that were on board the barge.			
<b>Response :</b>			
<b>Jurisdiction :</b> Federal, Provincial, Municipal			
<b>Task # :</b> 192540		<b>Amount :</b> \$50	<b>Issued To :</b> RICK WAGNER
<b>Notification :</b> 06:53- briefed MOE RO Rick Wagner (Kamloops)- Code 2 Fed/Prov/Muni 07:00- briefed PDM Sommerville 07:01- briefed NEEC 07:03- briefed RDM Jesse Ferguson and John Forrest (shadowing) 07:05- briefed MOH DO Jocelyn 07:12- briefed MOE HQ Kandis Lipsett (Penticton)- further updates via email 07:15- emailed MOE Kamloops/MOE Surrey/ CCG-ROC and Code 2 Dist list			

**ROC1 / COR1 (DFO/MPO)**

---

**From:** EMBC ECC1 EMBC:EX [REDACTED]  
**Sent:** 2018-August-10 8:20 AM  
**To:** ROC1 / COR1 (DFO/MPO); ENV EEP Duty Manager ENV:EX; Lipsett, Kandis ENV:EX; Mole, Allan ENV:EX; Wagner, Rick S ENV:EX; Watts, Joshua ENV:EX; Brett, Rhonda ENV:EX; LMR Website Contact ENV:EX; Fuller, Ryan ENV:EX; MacDougall, Christy ENV:EX; Meeks, Ken ENV:EX; Pope, Mitch ENV:EX; Robertson, Ashley B ENV:EX; \*INAC; \*Public Safety Canada PSC ; Anderson, Gordon A EMBC:EX; Boyle, Laurie F ENV:EX; Brooke, Daisy GCPE:EX; Cooper, Robert EMBC:EX; Duffy, Chris D EMBC:EX; EMBC OPERATIONS REGIONAL STAFF ALL; EMBC PDM EMBC:EX; EMBC Social Media; Fallows, Norm ENV:EX; French, Ron EMBC:EX; Hurst, Maurie L EMBC:EX; IRR Critical Incidents and Emergency Management Branch; Jonker, Jennifer B ENV:EX; Lipsett, Kandis ENV:EX; Knox, Graham G AGRI:EX; Launder, Sue R EMBC:EX; Lightbody, Ian EMBC:EX; HLTH MOC Duty Officer HLTH:EX; Owens, Rick EMBC:EX; Poss, Angie ENV:EX; Ree, Terrance EMBC:EX; Robins, Shawn GCPE:EX; Sego, D'Arcy ENV:EX; Sinnemann, Christina ENV:EX; Turner, Jordan GCPE:EX; Turner, Robert EMBC:EX  
**Subject:** DGIR 181701 Code 2 update #1  
**Attachments:** DGIR 181701 Code 2 update #1.pdf

**Operations Officer** | Emergency Coordination Centre  
Emergency Management BC  
Block A – Suite 200, 2261 Keating Cross Rd  
Saanichton, BC CANADA V8M 2A5

24 Hour Emergency: 1.800.663.3456

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**Emergency  
Management**

## Dangerous Goods Incident Report (DGIR)

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**DGIR 181701 - UPDATE # 1**

---

**Type :** OCEAN UPDATE  
**Subject :** BARGE FIRE - CODE 2  
**Task # :** 192540  
**Assigned To :** RICK WAGNER  
**Incident Area :** SURREY

**Original Entry Logged :** 2018-08-10 06:13  
**Amount :** \$100  
**ASE Number :**  
**EMBC Region :** SWE  
**MOE Region :** Lower Mainland Region  
**MCTS# :** 0678

---

**Location :** NEAR 12195 MUSQUEAM DRIVE- PATULLO BRIDGE

**Caller :** SHELLEY MORRIS  
**Organization :** ASSISTANT FIRE CHIEF  
**Primary No :** Cellular [REDACTED]  
**Alt No :**

**This Update Logged :** 2018-08-10 08:15  
**EMBC Operations Officer :** ISABELLE

---

**Details :**

Advised they will be opening their EOC in regards to this event due to air quality concerns. Requesting a task # and to speak to the MOE RO.

---

**Notification :**

08:15- briefed MOE RO Rick Wagner- advised that MOE RO Christy MacDougall is taking the lead for this incident. Transferred caller through.  
08:15- PDM Sommerville aware of EOC activation  
07:15- emailed MOE Kamloops/MOE Surrey/ CCG-ROC and Code 2 Dist list

---

## ROC1 / COR1 (DFO/MPO)

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** 2018-August-10 9:48 AM  
**To:** Chan, Aaron; Burke, Andrew; Barrett, Paul; Bate, Dan; Ben Tooby Parks Canada; Birchard, Terry; Brady, Jeff; Brickett, JJ; CCG MCTS RHQ Western / GCC SCTM bureau régional IOuest (DFO/MPO); Cheverie, Megan; Crewe, Mia; Cunningham, Barry; Davison, Lance; Desrosiers, Jason; DFO.F PAC EIR / RIE PAC F.MPO; Dinn, Stephen (Vic); ECCC; Elford, Dale; EMBC - PECC; Environment Canada; Evans, Clay; Evans, Glenna; Farrell, Randy; Fehr, Amanda; Girouard, Louise; Girouard, Roger; Gladson, Brandy; Goffic, Jody; Gordon, Elysha; Grant, Janet; Gray, Scott; Hache, Gabe; Hahlen, Marc; Harbour Master Nanaimo; Harbour Master Prince Rupert; Harbour Master Vancouver; Harbour Master Victoria (ZP; Harris, Piper; Hayer, Amrit; Henthorne, Colin; Hunt, Cliff; Imbeau, Michelle; Archambault, Kevin; Lastik, Darryl; Leonard, Mike; Lick, Gregory; Macdonald, Ron; Main Ops Officer / Agent principal des Ops (DFO/MPO); Mariah McCooey; Martens, Michael; Masterman, Brian; McCann, Timothy; McNish, Joanne; MCTS Prince Rupert Supervisor; MCTS Victoria; Meggison, Joe; Middleton, Andrea; Morin, Michel; Moss, Derek; Murdock, Philip; NASP; NASP; Navigation Protection Program; NCC / CCN (DFO/MPO); Oliver, Gillian; Ormiston, Glenn; PAC Radio Room / Salle de radio PAC (DFO/MPO); Pelletier, Mario; Pickrell, Susan; Piper Harris; Prieur, Cloe; Prince Rupert; Public Safety; ROC Planning Officer / agent de planification COR (DFO/MPO); ROC1 / COR1 (DFO/MPO); ROEC Pacific / BRCE Pacifique (DFO/MPO); Roessingh, Desmond; Sharun, Christina; Snow, Carl; Stamnes, Nicole; Statham, Art; Swift, Greg; Tawse, Josh; TC Marine Safety - Ottawa; TC Marine Safety - Vancouver; Thomas, John; Transport Safety Board - Pacific; Van Roosmalen, Miriam; Verret, Gilles; Walker, Gregory; Walker, Matthew; Webb, Nathan; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Westnedge, Kiri; Wong, Helen; Wootton, Brian; Yager, Tyler  
**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #1  
**Attachments:** BARGE FIRE.JPG

### 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE – UPDATE #1

ER duty officer on scene, working with barge owner and Vancouver Port Authority to coordinate efforts to extinguish fire and mitigate pollution. Vancouver Port Authority is lead agency for response currently. CG ER has tasked a PRV 3 and PRV 2 (landing craft) with 1000' of containment boom and will assess need to deploy when on scene. Port Authority has a fire boat on scene. Schnitzer steel is working with fire department and Port Authority to extinguish the fire. The fire is burning scrap cars and appliances, and is expected to take several hours to extinguish. The barge is secured to steel pilings away from the river bank.



Next coordination conference call scheduled for 1000 PDT for stakeholders.

GS

### 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL

#### CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE

GENERAL INFORMATION- POLLUTION REPORT	
DATE/TIME OF REPORT:	2018-08-10 05:55 PDT
DATE/TIME OF SPILL:	2018-08-10 POTENTIAL
REPORTING PARTY/CONTACT INFO:	VIC MCTS
SITUATION DETAILS	
LOCATION/POSITION :	SURREY BC, PATULLA BRIDGE -12195 MUSQUEAM DRIVE
TYPE OF POLLUTANT:	UNKNOWN

QUANTITY:	UNKNOWN	COLOUR/ODOUR:
ORIGIN:	SCRAP BARGES	
WEATHER CONDITIONS:	CALM, LIGHT WINDS	
ADDITIONAL INFORMATION:	911 FIRE INFORMED ROC FOR POTENTIAL MARINE POLLUTION. ER OFFICER NOTIFIED AND WILL ASSESS.	
PICTURES:	N/A	
<b>VESSEL INFORMATION (IF APPLICABLE)</b>		
VESSEL NAME:		
CALL SIGN AND MMSI:		
OVERALL LENGTH (LOA) :		
VESSEL TYPE:		
OWNER/AGENT/FLAG:		
ADDITIONAL INFORMATION:		
<b>ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)</b>		
CCG-W ER DUTY OFFICER	2018-08-10	05:50 PDT GS
TC MARINE SAFETY – VANCOUVER (ONLY IF A VESSEL IS INVOLVED)		
VANCOUVER HM (ONLY WITHIN HARBOUR OR SHIP BOUND FOR HARBOUR)		
Area MCTS Centre		
DFO PUBLIC AFFAIRS (NEWS POTENTIAL ONLY)		
ROC OFFICER:	CK	
REGIONAL OPERATIONS CENTRE - WESTERN CANADIAN COAST GUARD/GOVERNMENT OF CANADA ROC1-COR1.MPO@dfo-mpo.gc.ca /TEL (hotline) : 1-800-889-8852 / TEL (non-emergency): 250-480-2772 / BB: [REDACTED]		
 <div> <div> Fisheries and Oceans Canada </div> <div> Pêches et Océans Canada </div> </div> <div> <div> Canadian Coast Guard </div> <div> Garde côtière canadienne </div> </div>		
		

**Page 50**  
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**ROC1 / COR1 (DFO/MPO)**

---

**From:** Chiang, Eric  
**Sent:** 2018-August-10 10:02 AM  
**To:** ROC1 / COR1 (DFO/MPO)  
**Cc:** Backe, Nicole  
**Subject:** RE: 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #1

**Importance:** High

Hi ROC is it possible to provide me the conference number for the scheduled 1000PDT stakeholder call?

Thank you,

Eric

Eric Chiang

Senior Regional Response Planning Officer / Environmental Incident Coordinator

Regional Response Planning  
 Oceans Program  
 Fisheries and Oceans Canada, Pacific Region  
 200 - 401 Burrard Street  
 Vancouver, BC V6C 3S4  
 Tel (604) 666-0017  
 Cel [REDACTED]



Government  
of Canada

Gouvernement  
du Canada

Canada

**From:** ROC1 / COR1 (DFO/MPO)

**Sent:** 2018-August-10 9:48 AM

**To:** Chan, Aaron; Burke, Andrew; Barrett, Paul; Bate, Dan; Ben Tooby Parks Canada; Birchard, Terry; Brady, Jeff; Brickett, JJ; CCG MCTS RHQ Western / GCC SCTM bureau régional l'Ouest (DFO/MPO); Cheverie, Megan; Crewe, Mia; Cunningham, Barry; Davison, Lance; Desrosiers, Jason; DFO.F PAC EIR / RIE PAC F.MPO; Dinn, Stephen (Vic); ECCC; Elford, Dale; EMBC - PECC; Environment Canada; Evans, Clay; Evans, Glenna; Farrell, Randy; Fehr, Amanda; Girouard, Louise; Girouard, Roger; Gladson, Brandy; Goffic, Jody; Gordon, Elysha; Grant, Janet; Gray, Scott; Hache, Gabe; Hahlen, Marc; Harbour Master Nanaimo; Harbour Master Prince Rupert; Harbour Master Vancouver; Harbour Master Victoria (ZP); Harris, Piper; Hayer, Amrit; Henthorne, Colin; Hunt, Cliff; Imbeau, Michelle; Archambault, Kevin; Lastik, Darryl; Leonard, Mike; Lick, Gregory; Macdonald, Ron; Main Ops Officer / Agent principal des Ops (DFO/MPO); Mariah McCooey; Martens, Michael; Masterman, Brian; McCann, Timothy; McNish, Joanne; MCTS Prince Rupert Supervisor; MCTS Victoria; Meggison, Joe; Middleton, Andrea; Morin, Michel; Moss, Derek; Murdock, Philip; NASP; NASP; Navigation Protection Program; NCC / CCN (DFO/MPO); Oliver, Gillian; Ormiston, Glenn; PAC Radio Room / Salle de radio PAC (DFO/MPO); Pelletier, Mario; Pickrell, Susan; Piper Harris; Prieur, Cloe; Prince Rupert; Public Safety; ROC Planning Officer / agent de planification COR (DFO/MPO); ROC1 / COR1 (DFO/MPO); ROEC Pacific / BRCE Pacifique (DFO/MPO); Roessingh, Desmond; Sharun, Christina; Snow, Carl; Stamnes, Nicole; Statham, Art; Swift, Greg; Tawse, Josh; TC Marine Safety - Ottawa; TC Marine Safety - Vancouver; Thomas, John; Transport Safety Board - Pacific; Van Roosmalen, Miriam; Verret,

Gilles; Walker, Gregory; Walker, Matthew; Webb, Nathan; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Westnedge, Kiri; Wong, Helen; Wootton, Brian; Yager, Tyler

**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #1

0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE – UPDATE #1

ER duty officer on scene, working with barge owner and Vancouver Port Authority to coordinate efforts to extinguish fire and mitigate pollution. Vancouver Port Authority is lead agency for response currently. CG ER has tasked a PRV 3 and PRV 2 (landing craft) with 1000' of containment boom and will assess need to deploy when on scene. Port Authority has a fire boat on scene. Schnitzer steel is working with fire department and Port Authority to extinguish the fire. The fire is burning scrap cars and appliances, and is expected to take several hours to extinguish. The barge is secured to steel pilings away from the river bank.

Next coordination conference call scheduled for 1000 PDT for stakeholders.

GS

0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL

CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE

GENERAL INFORMATION- POLLUTION REPORT			
DATE/TIME OF REPORT:	2018-08-10 05:55 PDT		
DATE/TIME OF SPILL:	2018-08-10 POTENTIAL		
REPORTING PARTY/CONTACT INFO:	VIC MCTS		
SITUATION DETAILS			
LOCATION/POSITION :	SURREY BC, PATULLA BRIDGE -12195 MUSQUEAM DRIVE		
TYPE OF POLLUTANT:	UNKNOWN		
QUANTITY:	UNKNOWN	COLOUR/ODOUR:	
ORIGIN:	SCRAP BARGES		
WEATHER CONDITIONS:	CALM, LIGHT WINDS		
ADDITIONAL INFORMATION:	911 FIRE INFORMED ROC FOR POTENTION MARINE POLLUTION. ER OFFICER NOTIFIED AND WILL ASSESS.		
PICTURES:	N/A		
VESSEL INFORMATION (IF APPLICABLE)			
VESSEL NAME:			
CALL SIGN AND MMSI:			
OVERALL LENGTH (LOA) :			
VESSEL TYPE:			
OWNER/AGENT/FLAG:			
ADDITIONAL INFORMATION:			
ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)			
CCG-W ER DUTY OFFICER	2018-08-10	05:50 PDT	GS
TC MARINE SAFETY – VANCOUVER (ONLY IF A VESSEL IS INVOLVED)			
VANCOUVER HM (ONLY WITHIN HARBOUR OR SHIP BOUND FOR HARBOUR)			
Area MCTS Centre			
DFO PUBLIC AFFAIRS (NEWS POTENTIAL ONLY)			
ROC OFFICER:	CK		

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REGIONAL OPERATIONS CENTRE - WESTERN  
CANADIAN COAST GUARD/GOVERNMENT OF CANADA  
ROC1-COR1.MPO@dfo-mpo.gc.ca /TEL (hotline) : 1-800-889-8852 /  
TEL (non-emergency): 250-480-2772 / BB: [REDACTED]



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

Canadian  
Coast Guard

Garde côtière  
canadienne



**ROC1 / COR1 (DFO/MPO)**

---

**From:** [REDACTED]  
**Sent:** 2018-August-10 10:37 AM  
**To:** ROC1 / COR1 (DFO/MPO); Brett, Rhonda ENV:EX; LMR Website Contact ENV:EX; ENV  
EEP Duty Manager ENV:EX; Fuller, Ryan ENV:EX; MacDougall, Christy ENV:EX; Meeks,  
Ken ENV:EX; Pope, Mitch ENV:EX; Robertson, Ashley B ENV:EX; \*INAC; \*Public Safety  
Canada PSC ; Anderson, Gordon A EMBC:EX; Boyle, Laurie F ENV:EX; Brooke, Daisy  
GCPE:EX; Cooper, Robert EMBC:EX; Duffy, Chris D EMBC:EX; EMBC OPERATIONS  
REGIONAL STAFF ALL; EMBC PDM EMBC:EX; EMBC Social Media; Fallows, Norm ENV:EX;  
French, Ron EMBC:EX; Hurst, Maurie L EMBC:EX; IRR Critical Incidents and Emergency  
Management Branch; Jonker, Jennifer B ENV:EX; Lipsett, Kandis ENV:EX; Knox, Graham G  
AGRI:EX; Launder, Sue R EMBC:EX; Lightbody, Ian EMBC:EX; HLTH MOC Duty Officer  
HLTH:EX; Owens, Rick EMBC:EX; Poss, Angie ENV:EX; Ree, Terrance EMBC:EX; Robins,  
Shawn GCPE:EX; Sego, D'Arcy ENV:EX; Sinnemann, Christina ENV:EX; Turner, Jordan  
GCPE:EX; Turner, Robert EMBC:EX  
**Subject:** DGIR 181701 update #2  
**Attachments:** DGIR 181701 Update #2 - Code 2.pdf

**Operations Officer** | Emergency Coordination Centre  
**Emergency Management BC**

Block A – Suite 200, 2261 Keating Cross Rd  
Saanichton, BC CANADA V8M 2A5

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## Dangerous Goods Incident Report (DGIR)

**DGIR 181701 - UPDATE # 2**

**Type :** OCEAN UPDATE  
**Subject :** BARGE FIRE - CODE 2  
**Task # :** 192540  
**Assigned To :** RICK WAGNER  
**Incident Area :** SURREY

**Original Entry Logged :** 2018-08-10 06:13  
**Amount :** \$100  
**ASE Number :**  
**EMBC Region :** SWE  
**MOE Region :** Lower Mainland Region  
**MCTS# :** 0678

**Location :** NEAR 12195 MUSQUEAM DRIVE- PATULLO BRIDGE

**Caller :** EMAIL  
**Organization :** CCG  
**Primary No :**  
**Alt No :**

**This Update Logged :** 2018-08-10 09:56  
**EMBC Operations Officer :** SHANE

### Details :

ER duty officer on scene, working with barge owner and Vancouver Port Authority to coordinate efforts to extinguish fire and mitigate pollution. Vancouver Port Authority is lead agency for response currently. CG ER has tasked a PRV 3 and PRV 2 (landing craft) with 1000' of containment boom and will assess need to deploy when on scene. Port Authority has a fire boat on scene. Schnitzer steel is working with fire department and Port Authority to extinguish the fire. The fire is burning scrap cars and appliances, and is expected to take several hours to extinguish. The barge is secured to steel pilings away from the river bank.

Next coordination conference call scheduled for 1000 PDT for stakeholders.

### Notification :

1006- briefed MOE RO Christy Macdougall  
1009 briefed PDM Sommerville  
1014- briefed NEEC  
1028 Briefed RDM Jesse Ferguson and John Forrest (shadowing)  
1035- Emailed MOH DO Jocelyn  
1035 - Emailed MOE HQ Kandis Lipsett (Penticton)  
1035 emailed MOE MOE Surrey/ CCG-ROC and Code 2 Dist list

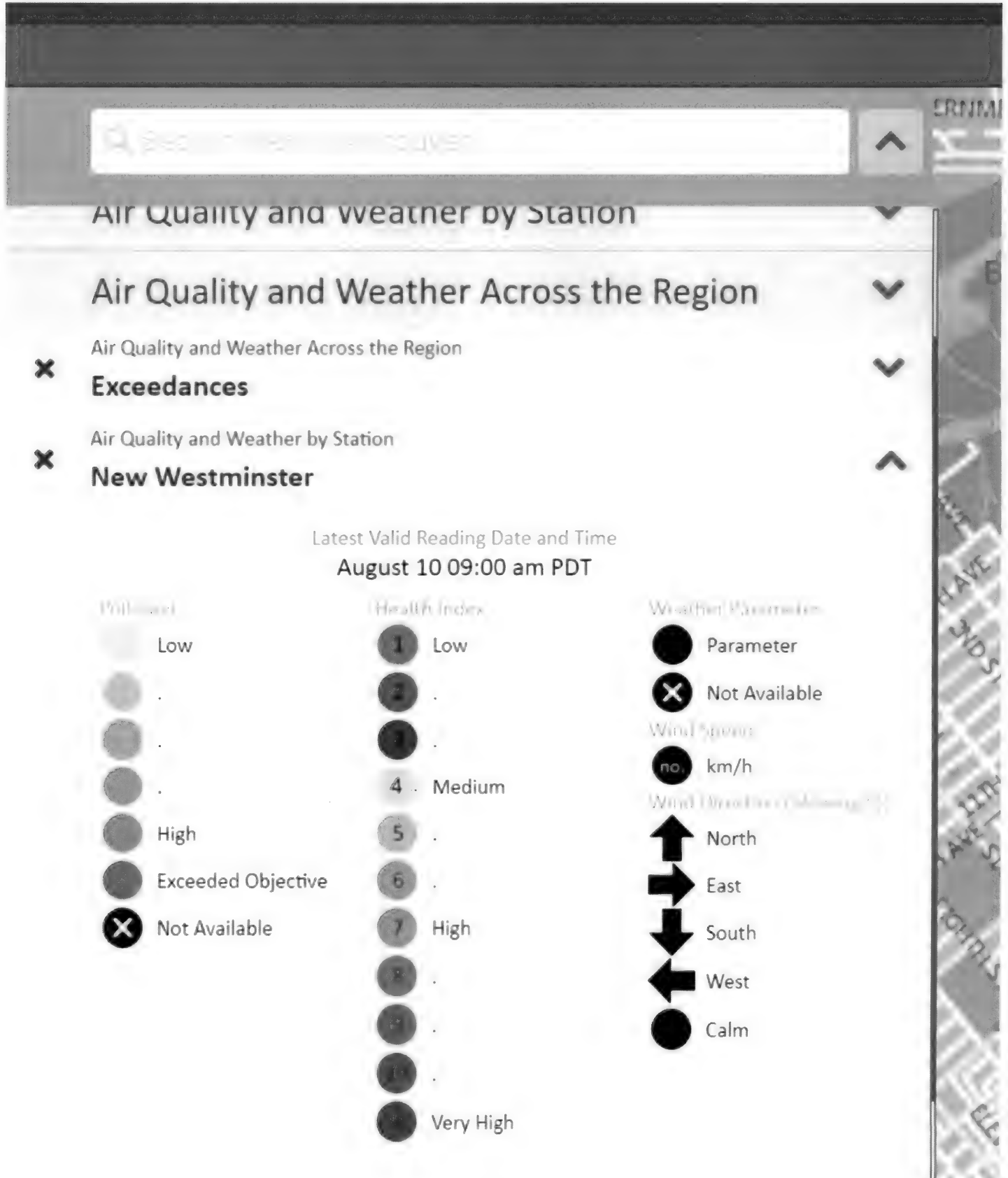
## **ROC1 / COR1 (DFO/MPO)**

---

**From:** Brady, Jeff  
**Sent:** 2018-August-10 10:51 AM  
**To:** kandis.lipsett@gov.bc.ca; ROC1 / COR1 (DFO/MPO)  
**Cc:** Murdock, Philip  
**Subject:** FW: 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #1

Here is what I saw online for air monitoring:

# metrovanancouver



<https://gis.metrovancouver.org/maps/Air>

**From:** ROC1 / COR1 (DFO/MPO)

**Sent:** Friday, August 10, 2018 9:48 AM

**To:** Chan, Aaron <Aaron.Chan@dfo-mpo.gc.ca>; Burke, Andrew <Andrew.Burke@dfo-mpo.gc.ca>; Barrett, Paul <Paul.Barrett@dfo-mpo.gc.ca>; Bate, Dan <Dan.Bate@dfo-mpo.gc.ca>; Ben Tooby Parks Canada <Ben.Tooby@pc.gc.ca>; Birchard, Terry <Terry.Birchard@dfo-mpo.gc.ca>; Brady, Jeff <Jeff.Brady@dfo-mpo.gc.ca>; Brickett, JJ <Jonathan.Brickett@dfo-mpo.gc.ca>; CCG MCTS RHQ Western / GCC SCTM bureau régional l'Ouest (DFO/MPO) <Regional.Office@dfo-mpo.gc.ca>; Cheverie, Megan <Megan.Cheverie@dfo-mpo.gc.ca>; Crewe, Mia <Mia.Crewe@dfo-mpo.gc.ca>; Cunningham, Barry <Barry.Cunningham@dfo-mpo.gc.ca>; Davison, Lance <Lance.Davison@dfo-mpo.gc.ca>; Desrosiers, Jason <Jason.Desrosiers@dfo-mpo.gc.ca>; DFO.F PAC EIR / RIE PAC F.MPO <DFO.FPACEIR-RIEPACF.MPO@dfo-mpo.gc.ca>; Dinn, Stephen (Vic) <Stephen.Dinn2@dfo-mpo.gc.ca>; ECCC <EC.CNUE-NEEC.EC@CANADA.CA>; Elford, Dale <Dale.Elford@dfo-mpo.gc.ca>; EMBC - PECC <sgpep.ecc1@gov.bc.ca>; Environment Canada <EC.CNUE.NEEC.EC@Canada.ca>; Evans, Clay <Clay.Evans@dfo-mpo.gc.ca>; Evans, Glenna <Glenna.Evans@dfo-mpo.gc.ca>; Farrell, Randy <Randy.Farrell@dfo-mpo.gc.ca>; Fehr, Amanda <Amanda.Fehr@dfo-mpo.gc.ca>; Girouard, Louise <Louise.Girouard@dfo-mpo.gc.ca>; Girouard, Roger <Roger.Girouard@dfo-mpo.gc.ca>; Gladson, Brandy <Brandy.Gladson@dfo-mpo.gc.ca>; Goffic, Jody <Jody.Goffic@dfo-mpo.gc.ca>; Gordon, Elysha <Elysha.Gordon@dfo-mpo.gc.ca>; Grant, Janet <Janet.Grant@dfo-mpo.gc.ca>; Gray, Scott <Scott.Gray@dfo-mpo.gc.ca>; Hache, Gabe <Gabe.Hache@dfo-mpo.gc.ca>; Hahlen, Marc <Marc.Hahlen@DFO-MPO.GC.CA>; Harbour Master Nanaimo <rgrounds@npa.ca>; Harbour Master Prince Rupert <psoc@rupertport.com>; Harbour Master Vancouver <harbour\_master@portmetrovanvancouver.com>; Harbour Master Victoria (ZP <zoe.polden@tc.gc.ca>; Harris, Piper <Piper.Harris@dfo-mpo.gc.ca>; Hayer, Amrit <Amrit.Hayer@dfo-mpo.gc.ca>; Henthorne, Colin <Colin.Henthorne@dfo-mpo.gc.ca>; Hunt, Cliff <Cliff.Hunt@dfo-mpo.gc.ca>; Imbeau, Michelle <Michelle.Imbeau@dfo-mpo.gc.ca>; Archambault, Kevin <Kevin.Archambault@dfo-mpo.gc.ca>; Lastik, Darryl <Darryl.Lastik@dfo-mpo.gc.ca>; Leonard, Mike <Mike.Leonard@dfo-mpo.gc.ca>; Lick, Gregory <Gregory.Lick@dfo-mpo.gc.ca>; Macdonald, Ron <Ron.Macdonald@dfo-mpo.gc.ca>; Main Ops Officer / Agent principal des Ops (DFO/MPO) <Western.Ops-Centre2@dfo-mpo.gc.ca>; Mariah McCooley <mariah.mccooley@tc.gc.ca>; Martens, Michael <Michael.Martens@dfo-mpo.gc.ca>; Masterman, Brian <Brian.Masterman@dfo-mpo.gc.ca>; McCann, Timothy <Timothy.McCann@dfo-mpo.gc.ca>; McNish, Joanne <Joanne.McNish@dfo-mpo.gc.ca>; MCTS Prince Rupert Supervisor <Supervisor.Rupert@innav.gc.ca>; MCTS Victoria <Supervisor.Victoria@innav.gc.ca>; Meggison, Joe <Joe.Meggison@dfo-mpo.gc.ca>; Middleton, Andrea <Andrea.Middleton@dfo-mpo.gc.ca>; Morin, Michel <Michel.Morin@tc.gc.ca>; Moss, Derek <Derek.Moss@dfo-mpo.gc.ca>; Murdock, Philip <Philip.Murdock@dfo-mpo.gc.ca>; NASP <tc.nasppac-pnsapac.tc@tc.gc.ca>; NASP <nasp-pnsa@tc.gc.ca>; Navigation Protection Program <npppac-ppnpac@tc.gc.ca>; NCC / CCN (DFO/MPO) <NCC-CCN.XNCR@dfo-mpo.gc.ca>; Oliver, Gillian <Gillian.Oliver@dfo-mpo.gc.ca>; Ormiston, Glenn <Glenn.Ormiston@dfo-mpo.gc.ca>; PAC Radio Room / Salle de radio PAC (DFO/MPO) <Radio.Room@dfo-mpo.gc.ca>; Pelletier, Mario <Mario.Pelletier@dfo-mpo.gc.ca>; Pickrell, Susan <Susan.Pickrell@dfo-mpo.gc.ca>; Piper Harris <[REDACTED]>; Prieur, Cloe <Cloe.Prieur@dfo-mpo.gc.ca>; Prince Rupert <[REDACTED]>; Public Safety <ps.box-bc-boite-bc.sp@canada.ca>; ROC Planning Officer / agent de planification COR (DFO/MPO) <ROCPlanning@dfo-mpo.gc.ca>; ROC1 / COR1 (DFO/MPO) <ROC1COR1@dfo-mpo.gc.ca>; ROEC Pacific / BRCE Pacifique (DFO/MPO) <roecpacific@dfo-mpo.gc.ca>; Roessingh, Desmond <Desmond.Roessingh@dfo-mpo.gc.ca>; Sharun, Christina <Christina.Sharun@dfo-mpo.gc.ca>; Snow, Carl <Carl.Snow@dfo-mpo.gc.ca>; Stamnes, Nicole <Nicole.Stamnes@dfo-mpo.gc.ca>; Statham, Art <Art.Statham@dfo-mpo.gc.ca>; Swift, Greg <Greg.Swift@dfo-mpo.gc.ca>; Tawse, Josh <Josh.Tawse@dfo-mpo.gc.ca>; TC Marine Safety - Ottawa <sitcen@tc.gc.ca>; TC Marine Safety - Vancouver <tcmarpac@tc.gc.ca>; Thomas, John <John.Thomas@dfo-mpo.gc.ca>; Transport Safety Board - Pacific <MarineNotifications.Pacific@bst-tsb.gc.ca>; Van Roosmalen, Miriam <Miriam.VanRoosmalen@dfo-mpo.gc.ca>; Verret, Gilles <Gilles.Verret@dfo-mpo.gc.ca>; Walker, Gregory <Gregory.Walker@dfo-mpo.gc.ca>; Walker, Matthew <Matthew.Walker@dfo-mpo.gc.ca>; Webb, Nathan <Nathan.Webb@dfo-mpo.gc.ca>; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO) <Western.Ops-Centre@dfo-mpo.gc.ca>; Westnedge, Kiri <Kiri.Westnedge@dfo-mpo.gc.ca>; Wong, Helen <Helen.Wong@dfo-mpo.gc.ca>; Wootton, Brian <Brian.Wootton@dfo-mpo.gc.ca>; Yager, Tyler <Tyler.Yager@dfo-mpo.gc.ca>

**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #1

GS

CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE

GENERAL INFORMATION- POLLUTION REPORT			
DATE/TIME OF REPORT:	2018-08-10 05:55 PDT		
DATE/TIME OF SPILL:	2018-08-10 POTENTIAL		
REPORTING PARTY/CONTACT INFO:	VIC MCTS		
SITUATION DETAILS			
LOCATION/POSITION :	SURREY BC, PATULLA BRIDGE -12195 MUSQUEAM DRIVE		
TYPE OF POLLUTANT:	UNKNOWN		
QUANTITY:	UNKNOWN	COLOUR/ODOUR:	
ORIGIN:	SCRAP BARGES		
WEATHER CONDITIONS:	CALM, LIGHT WINDS		
ADDITIONAL INFORMATION:	911 FIRE INFORMED ROC FOR POTENTION MARINE POLLUTION. ER OFFICER NOTIFIED AND WILL ASSESS.		
PICTURES:	N/A		
VESSEL INFORMATION (IF APPLICABLE)			
VESSEL NAME:			
CALL SIGN AND MMSI:			
OVERALL LENGTH (LOA) :			
VESSEL TYPE:			
OWNER/AGENT/FLAG:			
ADDITIONAL INFORMATION:			
ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)			
CCG-W ER DUTY OFFICER	2018-08-10	05:50 PDT	GS
TC MARINE SAFETY – VANCOUVER (ONLY IF A VESSEL IS INVOLVED)			
VANCOUVER HM (ONLY WITHIN HARBOUR OR SHIP BOUND FOR HARBOUR)			
Area MCTS Centre			
DFO PUBLIC AFFAIRS (NEWS POTENTIAL ONLY)			
ROC OFFICER:	CK		
REGIONAL OPERATIONS CENTRE - WESTERN			
CANADIAN COAST GUARD/GOVERNMENT OF CANADA			
ROC1-COR1.MPO@dfo-mpo.gc.ca /TEL (hotline) : 1-800-889-8852 /			
TEL (non-emergency): 250-480-2772 / BB: [REDACTED]			

## ROC1 / COR1 (DFO/MPO)

**From:** Harris, Piper  
**Sent:** 2018-August-10 11:03 AM  
**To:** ROC1 / COR1 (DFO/MPO)  
**Subject:** RE: 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #1

Fire fighting efforts continue. CG vessels are monitoring run off from the fire fighting efforts and standing by to deploy equipment as required. Schnitzer has contracted Valley Towing to assist with cargo movement to assist with fire fighting efforts and are coordinating with the Port Authority. The Fraser river remains open to vessel traffic as normal. Next Coordination conference call will be led by the Vancouver Port Authority at 1400 PDT. All media requests are to be routed to the Port Authority.

CG continues to support all efforts surrounding this incident  
PH

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** August-10-18 9:48 AM

**To:** Chan, Aaron; Burke, Andrew; Barrett, Paul; Bate, Dan; Ben Tooby Parks Canada; Birchard, Terry; Brady, Jeff; Brickett, JJ; CCG MCTS RHQ Western / GCC SCTM bureau régional l'Ouest (DFO/MPO); Cheverie, Megan; Crewe, Mia; Cunningham, Barry; Davison, Lance; Desrosiers, Jason; DFO.F PAC EIR / RIE PAC F.MPO; Dinn, Stephen (Vic); ECCC; Elford, Dale; EMBC - PECC; Environment Canada; Evans, Clay; Evans, Glenna; Farrell, Randy; Fehr, Amanda; Girouard, Louise; Girouard, Roger; Gladson, Brandy; Goffic, Jody; Gordon, Elysha; Grant, Janet; Gray, Scott; Hache, Gabe; Hahlen, Marc; Harbour Master Nanaimo; Harbour Master Prince Rupert; Harbour Master Vancouver; Harbour Master Victoria (ZP); Harris, Piper; Hayer, Amrit; Henthorne, Colin; Hunt, Cliff; Imbeau, Michelle; Archambault, Kevin; Lastik, Darryl; Leonard, Mike; Lick, Gregory; Macdonald, Ron; Main Ops Officer / Agent principal des Ops (DFO/MPO); Mariah McCooey; Martens, Michael; Masterman, Brian; McCann, Timothy; McNish, Joanne; MCTS Prince Rupert Supervisor; MCTS Victoria; Meggison, Joe; Middleton, Andrea; Morin, Michel; Moss, Derek; Murdock, Philip; NASP; NASP; Navigation Protection Program; NCC / CCN (DFO/MPO); Oliver, Gillian; Ormiston, Glenn; PAC Radio Room / Salle de radio PAC (DFO/MPO); Pelletier, Mario; Pickrell, Susan; Piper Harris; Prieur, Cloe; Prince Rupert; Public Safety; ROC Planning Officer / agent de planification COR (DFO/MPO); ROC1 / COR1 (DFO/MPO); ROEC Pacific / BRCE Pacifique (DFO/MPO); Roessingh, Desmond; Sharun, Christina; Snow, Carl; Stamnes, Nicole; Statham, Art; Swift, Greg; Tawse, Josh; TC Marine Safety - Ottawa; TC Marine Safety - Vancouver; Thomas, John; Transport Safety Board - Pacific; Van Roosmalen, Miriam; Verret, Gilles; Walker, Gregory; Walker, Matthew; Webb, Nathan; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Westnedge, Kiri; Wong, Helen; Wootton, Brian; Yager, Tyler  
**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #1

0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE – UPDATE #1

ER duty officer on scene, working with barge owner and Vancouver Port Authority to coordinate efforts to extinguish fire and mitigate pollution. Vancouver Port Authority is lead agency for response currently. CG ER has tasked a PRV 3 and PRV 2 (landing craft) with 1000' of containment boom and will assess need to deploy when on scene. Port Authority has a fire boat on scene. Schnitzer steel is working with fire department and Port Authority to extinguish the fire. The fire is burning scrap cars and appliances, and is expected to take several hours to extinguish. The barge is secured to steel pilings away from the river bank.



Next coordination conference call scheduled for 1000 PDT for stakeholders.  
GS

0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL

CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE

GENERAL INFORMATION- POLLUTION REPORT	
DATE/TIME OF REPORT:	2018-08-10 05:55 PDT
DATE/TIME OF SPILL:	2018-08-10 POTENTIAL

s.16(2)

REPORTING PARTY/CONTACT INFO:		VIC MCTS	
SITUATION DETAILS			
LOCATION/POSITION :	SURREY BC, PATULLA BRIDGE -12195 MUSQUEAM DRIVE		
TYPE OF POLLUTANT:	UNKNOWN		
QUANTITY:	UNKNOWN	COLOUR/ODOUR:	
ORIGIN:	SCRAP BARGES		
WEATHER CONDITIONS:	CALM, LIGHT WINDS		
ADDITIONAL INFORMATION:	911 FIRE INFORMED ROC FOR POTENTION MARINE POLLUTION. ER OFFICER NOTIFIED AND WILL ASSESS.		
PICTURES:	N/A		
VESSEL INFORMATION (IF APPLICABLE)			
VESSEL NAME:			
CALL SIGN AND MMSI:			
OVERALL LENGTH (LOA) :			
VESSEL TYPE:			
OWNER/AGENT/FLAG:			
ADDITIONAL INFORMATION:			
ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)			
CCG-W ER DUTY OFFICER	2018-08-10	05:50 PDT	GS
TC MARINE SAFETY – VANCOUVER (ONLY IF A VESSEL IS INVOLVED)			
VANCOUVER HM (ONLY WITHIN HARBOUR OR SHIP BOUND FOR HARBOUR)			
Area MCTS Centre			
DFO PUBLIC AFFAIRS (NEWS POTENTIAL ONLY)			
ROC OFFICER:	CK		
REGIONAL OPERATIONS CENTRE - WESTERN CANADIAN COAST GUARD/GOVERNMENT OF CANADA ROC1-COR1.MPO@dfo-mpo.gc.ca /TEL (hotline) : 1-800-889-8852 / TEL (non-emergency): 250-480-2772 / BB: [REDACTED]			
 <div> <div> Ministère des Pêches et des Océans Canada </div> <div> Fisheries and Oceans Canada </div> </div> <div> <div> Canadian Coast Guard Garde côtière Canada </div> <div> Canadian Coast Guard Garde côtière Canada </div> </div> 			

**Pages 62 to / à 63  
are duplicates  
sont des duplicatas**

**ROC1 / COR1 (DFO/MPO)**

---

**From:** EMBC ECC1 EMBC:EX [REDACTED]  
**Sent:** 2018-August-10 11:25 AM  
**To:** ROC1 / COR1 (DFO/MPO); Brett, Rhonda ENV:EX; LMR Website Contact ENV:EX; ENV  
EEP Duty Manager ENV:EX; Fuller, Ryan ENV:EX; MacDougall, Christy ENV:EX; Meeks,  
Ken ENV:EX; Pope, Mitch ENV:EX; Robertson, Ashley B ENV:EX; \*INAC; \*Public Safety  
Canada PSC ; Anderson, Gordon A EMBC:EX; Boyle, Laurie F ENV:EX; Brooke, Daisy  
GCPE:EX; Cooper, Robert EMBC:EX; Duffy, Chris D EMBC:EX; EMBC OPERATIONS  
REGIONAL STAFF ALL; EMBC PDM EMBC:EX; EMBC Social Media; Fallows, Norm ENV:EX;  
French, Ron EMBC:EX; Hurst, Maurie L EMBC:EX; IRR Critical Incidents and Emergency  
Management Branch; Jonker, Jennifer B ENV:EX; Lipsett, Kandis ENV:EX; Knox, Graham G  
AGRI:EX; Launder, Sue R EMBC:EX; Lightbody, Ian EMBC:EX; HLTH MOC Duty Officer  
HLTH:EX; Owens, Rick EMBC:EX; Poss, Angie ENV:EX; Ree, Terrance EMBC:EX; Robins,  
Shawn GCPE:EX; Sego, D'Arcy ENV:EX; Sinnemann, Christina ENV:EX; Turner, Jordan  
GCPE:EX; Turner, Robert EMBC:EX  
**Subject:** DGIR 181701 - Update 3 (Code 2)  
**Attachments:** DGIR 181701 - Update 3 (Code 2).pdf

**Operations Officer | Emergency Coordination Centre**  
**Emergency Management BC**  
Block A – Suite 200, 2261 Keating Cross Rd  
Saanichton, BC CANADA V8M 2A5

24 Hour Emergency: 1.800.663.3456  
Follow us on Twitter [@EmergencyInfoBC](#) and [@PreparedBC](#)



Emergency  
Management BC

## Dangerous Goods Incident Report (DGIR)

### DGIR 181701 - UPDATE # 3

**Type :** OCEAN UPDATE  
**Subject :** BARGE FIRE - CODE 2  
**Task # :** 192540  
**Assigned To :** RICK WAGNER  
**Incident Area :** SURREY

**Original Entry Logged :** 2018-08-10 06:13  
**Amount :** \$100  
**ASE Number :**  
**EMBC Region :** SWE  
**MOE Region :** Lower Mainland Region  
**MCTS# :** 0678

**Location :** NEAR 12195 MUSQUEAM DRIVE- PATULLO BRIDGE

**Caller :** NURES KARA  
**Organization :** SCHNITZER STEEL CANADA  
LIMITED  
**Primary No :** Cellular 604-999-0924  
**Alt No :** Business 604-586-6765

**This Update Logged :** 2018-08-10 11:07  
**EMBC Operations Officer :** ERIN

#### Details :

Requesting to speak with Kandis Lipsett MOE in regards to some things discussed on their conference call with Coast Guard and the Port Authority. The public is expressing concern over air quality. They are looking for advice on monitoring the air quality and are curious if Environment Canada can be of any assistance? The company is not the barge owner, but they have leased it, and will take full responsibility.

#### Notification :

11:11 briefed Christy MacDougall MOE RO  
11:15 briefed Derek Sommerville PDM  
11:16 briefed NEEC  
11:17 briefed Jesse Ferguson RDM and John Forrest (shadowing)  
11:22 emailed Jocelyn MOH DO  
11:25 emailed MOE Surrey, CCG-ROC and Code 2 Dist List

**ROC1 / COR1 (DFO/MPO)**

---

**From:** EMBC ECC1 EMBC:EX [REDACTED]  
**Sent:** 2018–August-10 11:28 AM  
**To:** ROC1 / COR1 (DFO/MPO); Brett, Rhonda ENV:EX; LMR Website Contact ENV:EX; ENV  
EEP Duty Manager ENV:EX; Fuller, Ryan ENV:EX; MacDougall, Christy ENV:EX; Meeks,  
Ken ENV:EX; Pope, Mitch ENV:EX; Robertson, Ashley B ENV:EX; \*INAC; \*Public Safety  
Canada PSC ; Anderson, Gordon A EMBC:EX; Boyle, Laurie F ENV:EX; Brooke, Daisy  
GCPE:EX; Cooper, Robert EMBC:EX; Duffy, Chris D EMBC:EX; EMBC OPERATIONS  
REGIONAL STAFF ALL; EMBC PDM EMBC:EX; EMBC Social Media; Fallows, Norm ENV:EX;  
French, Ron EMBC:EX; Hurst, Maurie L EMBC:EX; IRR Critical Incidents and Emergency  
Management Branch; Jonker, Jennifer B ENV:EX; Lipsett, Kandis ENV:EX; Knox, Graham G  
AGRI:EX; Launder, Sue R EMBC:EX; Lightbody, Ian EMBC:EX; HLTH MOC Duty Officer  
HLTH:EX; Owens, Rick EMBC:EX; Poss, Angie ENV:EX; Ree, Terrance EMBC:EX; Robins,  
Shawn GCPE:EX; Sego, D'Arcy ENV:EX; Sinnemann, Christina ENV:EX; Turner, Jordan  
GCPE:EX; Turner, Robert EMBC:EX  
**Subject:** DGIR 181701 - Update 4 (Code 2)  
**Attachments:** DGIR 181701 - Update 4 (Code 2).pdf

**Operations Officer** | Emergency Coordination Centre

**Emergency Management BC**

Block A – Suite 200, 2261 Keating Cross Rd  
Saanichton, BC CANADA V8M 2A5

24 Hour Emergency: 1.800.663.3456

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Emergency  
Management B.C.

## Dangerous Goods Incident Report (DGIR)

### DGIR 181701 - UPDATE # 4

**Type :** OCEAN UPDATE  
**Subject :** BARGE FIRE - CODE 2  
**Task # :** 192540  
**Assigned To :** RICK WAGNER  
**Incident Area :** SURREY

**Original Entry Logged :** 2018-08-10 06:13  
**Amount :** \$100  
**ASE Number :**  
**EMBC Region :** SWE  
**MOE Region :** Lower Mainland Region  
**MCTS# :** 0678

**Location :** NEAR 12195 MUSQUEAM DRIVE- PATULLO BRIDGE

**Caller :** CHRISTY MACDOUGALL  
**Organization :** MOE  
**Primary No :**  
**Alt No :**

**This Update Logged :** 2018-08-10 11:11  
**EMBC Operations Officer :** ERIN

#### Details :

Calling to advise she has contacted the Environmental Stewardship Coordinator for the Musqueam First Nation and the barge owner. She has requested that they hire an air quality consultant as well as a water quality monitoring consultant. A boom has not been deployed at this time as it is unsafe to do so.

#### Notification :

11:11 briefed Christy MacDougall MOE RO  
11:15 briefed Derek Sommerville PDM  
11:16 briefed NEEC  
11:17 briefed Jesse Ferguson RDM and John Forrest (shadowing)  
11:22 emailed Jocelyn MOH DO  
11:25 emailed MOE Surrey, CCG-ROC and Code 2 Dist List

**ROC1 / COR1 (DFO/MPO)**

---

**From:** EMBC ECC1 EMBC:EX [REDACTED]  
**Sent:** 2018–August-10 11:45 AM  
**To:** ROC1 / COR1 (DFO/MPO); Brett, Rhonda ENV:EX; LMR Website Contact ENV:EX; ENV  
EEP Duty Manager ENV:EX; Fuller, Ryan ENV:EX; MacDougall, Christy ENV:EX; Meeks,  
Ken ENV:EX; Pope, Mitch ENV:EX; Robertson, Ashley B ENV:EX; \*INAC; \*Public Safety  
Canada PSC ; Anderson, Gordon A EMBC:EX; Boyle, Laurie F ENV:EX; Brooke, Daisy  
GCPE:EX; Cooper, Robert EMBC:EX; Duffy, Chris D EMBC:EX; EMBC OPERATIONS  
REGIONAL STAFF ALL; EMBC PDM EMBC:EX; EMBC Social Media; Fallows, Norm ENV:EX;  
French, Ron EMBC:EX; Hurst, Maurie L EMBC:EX; IRR Critical Incidents and Emergency  
Management Branch; Jonker, Jennifer B ENV:EX; Lipsett, Kandis ENV:EX; Knox, Graham G  
AGRI:EX; Launder, Sue R EMBC:EX; Lightbody, Ian EMBC:EX; HLTH MOC Duty Officer  
HLTH:EX; Owens, Rick EMBC:EX; Poss, Angie ENV:EX; Ree, Terrance EMBC:EX; Robins,  
Shawn GCPE:EX; Sego, D'Arcy ENV:EX; Sinnemann, Christina ENV:EX; Turner, Jordan  
GCPE:EX; Turner, Robert EMBC:EX  
**Subject:** DGIR 181701 Update #5 Code 2  
**Attachments:** DGIR 181701 Update #5.pdf

**Operations Officer** | Emergency Coordination Centre  
**Emergency Management BC**  
Block A – Suite 200, 2261 Keating Cross Rd  
Saanichton, BC CANADA V8M 2A5

24 Hour Emergency: 1.800.663.3456

Follow us on Twitter [@EmergencyInfoBC](#) and [@PreparedBC](#)



Emergency  
Management BC

## Dangerous Goods Incident Report (DGIR)

**DGIR 181701 - UPDATE # 5**

**Type :** OCEAN UPDATE  
**Subject :** BARGE FIRE - CODE 2  
**Task # :** 192540  
**Assigned To :** RICK WAGNER  
**Incident Area :** SURREY

**Original Entry Logged :** 2018-08-10 06:13  
**Amount :** \$100  
**ASE Number :**  
**EMBC Region :** SWE  
**MOE Region :** Lower Mainland Region  
**MCTS# :** 0678

**Location :** NEAR 12195 MUSQUEAM DRIVE- PATULLO BRIDGE

**Caller :** VIA EMAIL  
**Organization :** CCG-ROC  
**Primary No :**  
**Alt No :**

**This Update Logged :** 2018-08-10 11:35  
**EMBC Operations Officer :** ISABELLE

### Details :

Fire fighting efforts continue. CG vessels are monitoring run off from the fire fighting efforts and standing by to deploy equipment as required. Schnitzer has contracted Valley Towing to assist with cargo movement to assist with fire fighting efforts and are coordinating with the Port Authority. The Fraser river remains open to vessel traffic as normal. Next Coordination conference call will be led by the Vancouver Port Authority at 1400 PDT. All media requests are to be routed to the Port Authority. CG continues to support all efforts surrounding this incident

### Notification :

11:36- briefed Christy MacDougall MOE RO  
11:36 briefed Derek Sommerville PDM  
11:39 briefed NEEC  
11:40 briefed Jesse Ferguson RDM and John Forrest (shadowing)  
11:43 emailed MOE Surrey, CCG-ROC, MOH DO & MOE HQ and Code 2 Dist List

## **ROC1 / COR1 (DFO/MPO)**

---

**From:** EMBC ECC1 EMBC:EX [REDACTED]  
**Sent:** 2018-August-10 12:56 PM  
**To:** ROC1 / COR1 (DFO/MPO); Brett, Rhonda ENV:EX; LMR Website Contact ENV:EX; ENV  
EEP Duty Manager ENV:EX; Fuller, Ryan ENV:EX; MacDougall, Christy ENV:EX; Meeks,  
Ken ENV:EX; Pope, Mitch ENV:EX; Robertson, Ashley B ENV:EX; \*INAC; \*Public Safety  
Canada PSC ; Anderson, Gordon A EMBC:EX; Boyle, Laurie F ENV:EX; Brooke, Daisy  
GCPE:EX; Cooper, Robert EMBC:EX; Duffy, Chris D EMBC:EX; EMBC OPERATIONS  
REGIONAL STAFF ALL; EMBC PDM EMBC:EX; EMBC Social Media; Fallows, Norm ENV:EX;  
French, Ron EMBC:EX; Hurst, Maurie L EMBC:EX; IRR Critical Incidents and Emergency  
Management Branch; Jonker, Jennifer B ENV:EX; Lipsett, Kandis ENV:EX; Knox, Graham G  
AGRI:EX; Launder, Sue R EMBC:EX; Lightbody, Ian EMBC:EX; HLTH MOC Duty Officer  
HLTH:EX; Owens, Rick EMBC:EX; Poss, Angie ENV:EX; Ree, Terrance EMBC:EX; Robins,  
Shawn GCPE:EX; Sego, D'Arcy ENV:EX; Sinnemann, Christina ENV:EX; Turner, Jordan  
GCPE:EX; Turner, Robert EMBC:EX  
**Subject:** DGIR 181701 Update 6  
**Attachments:** DGIR 181701 Update 6.pdf

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Saanichton, BC CANADA V8M 2A5

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Management BC

## Dangerous Goods Incident Report (DGIR)

**DGIR 181701 - UPDATE # 6**

**Type :** OCEAN UPDATE  
**Subject :** BARGE FIRE - CODE 2  
**Task # :** 192540  
**Assigned To :** RICK WAGNER  
**Incident Area :** SURREY

**Original Entry Logged :** 2018-08-10 06:13  
**Amount :** \$100  
**ASE Number :**  
**EMBC Region :** SWE  
**MOE Region :** Lower Mainland Region  
**MCTS# :** 0678

**Location :** NEAR 12195 MUSQUEAM DRIVE- PATULLO BRIDGE

**Caller :** CHRISTY MACDOUGALL  
**Organization :** MOE  
**Primary No :**  
**Alt No :**

**This Update Logged :** 2018-08-10 12:42  
**EMBC Operations Officer :** SHANE

**Details :**

MOE in contact with MHO(Fraser Health) and Vancouver air quality specialist. Putting both in touch with air quality consulting company(enviro chem). Enviro chem has arrived on site. Updates to follow.

**Notification :**

1251 briefed Derek Sommerville PDM  
1251 briefed NEEC  
1255 briefed Jesse Ferguson RDM and John Forrest (shadowing)  
1259 emailed Jocelyn MOH DO  
1259 emailed MOE Surrey, CCG-ROC, MOH DO and Code 2 Dist List

## ROC1 / COR1 (DFO/MPO)

**From:** Harris, Piper  
**Sent:** 2018-August-10 2:56 PM  
**To:** ROC1 / COR1 (DFO/MPO)  
**Subject:** RE: 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #2

Fire fighting efforts continue. The fire has diminished in size and intensity. Material is being removed from the barge and transferred to shore where further cooling of the material is taking place. Air quality monitoring is in place. A request for water quality testing has been made, arrangements are being made. On water crews report no pollution observed.

CG crews remain on scene with equipment standing by.

Update to follow

PH

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**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** August-10-18 11:07 AM  
**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #2

0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #2

Fire fighting efforts continue. CG vessels are monitoring run off from the fire fighting efforts and standing by to deploy equipment as required. Schnitzer has contracted Valley Towing to assist with cargo movement to assist with fire fighting efforts and are coordinating with the Port Authority. The Fraser river remains open to vessel traffic as normal. Next Coordination conference call will be led by the Vancouver Port Authority at 1400 PDT. All media requests are to be routed to the Port Authority. CG continues to support all efforts surrounding this incident

PH

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0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE – UPDATE #1

ER duty officer on scene, working with barge owner and Vancouver Port Authority to coordinate efforts to extinguish fire and mitigate pollution. Vancouver Port Authority is lead agency for response currently. CG ER has tasked a PRV 3 and PRV 2 (landing craft) with 1000' of containment boom and will assess need to deploy when on scene. Port Authority has a fire boat on scene. Schnitzer steel is working with fire department and Port Authority to extinguish the fire. The fire is burning scrap cars and appliances, and is expected to take several hours to extinguish. The barge is secured to steel pilings away from the river bank.

Next coordination conference call scheduled for 1000 PDT for stakeholders.



GS

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0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL

CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE

GENERAL INFORMATION- POLLUTION REPORT			
DATE/TIME OF REPORT:		2018-08-10 05:55 PDT	
DATE/TIME OF SPILL:		2018-08-10 POTENTIAL	
REPORTING PARTY/CONTACT INFO:		VIC MCTS	
SITUATION DETAILS			
LOCATION/POSITION :		SURREY BC, PATULLA BRIDGE -12195 MUSQUEAM DRIVE	
TYPE OF POLLUTANT:		UNKNOWN	
QUANTITY:		UNKNOWN	COLOUR/ODOUR:
ORIGIN:		SCRAP BARGES	

WEATHER CONDITIONS:	CALM, LIGHT WINDS
ADDITIONAL INFORMATION:	911 FIRE INFORMED ROC FOR POTENTION MARINE POLLUTION. ER OFFICER NOTIFIED AND WILL ASSESS.
PICTURES:	N/A
<b>VESSEL INFORMATION (IF APPLICABLE)</b>	
VESSEL NAME:	
CALL SIGN AND MMSI:	
OVERALL LENGTH (LOA) :	
VESSEL TYPE:	
OWNER/AGENT/FLAG:	
ADDITIONAL INFORMATION:	
<b>ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)</b>	
CCG-W ER DUTY OFFICER	2018-08-10 05:50 PDT GS
TC MARINE SAFETY – VANCOUVER <small>(ONLY IF A VESSEL IS INVOLVED)</small>	
VANCOUVER HM <small>(ONLY WITHIN HARBOUR OR SHIP BOUND FOR HARBOUR)</small>	
Area MCTS Centre	
DFO PUBLIC AFFAIRS <small>(NEWS POTENTIAL ONLY)</small>	
ROC OFFICER:	CK
REGIONAL OPERATIONS CENTRE - WESTERN CANADIAN COAST GUARD/GOVERNMENT OF CANADA ROC1-COR1.MPO@dfo-mpo.gc.ca /TEL (hotline) : 1-800-889-8852 / TEL (non-emergency): 250-480-2772 / BB: [REDACTED]	
 <div> <div> English and Oceans Canada </div> <div> Français et Océans Canada </div> <div> Canadian Coast Guard </div> <div> Garde côtière canadienne </div> </div> 	

## ROC1 / COR1 (DFO/MPO)

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** 2018-August-10 3:11 PM  
**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #3

### 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #3

Fire fighting efforts continues. The fire has diminished in size and intensity. Material is being removed from the barge and transferred to shore where further cooling of the material is taking place. Air quality monitoring is in place. A request for water quality testing has been made, arrangements are being made. On water crews report no pollution observed. CG crews remain on scene with equipment standing by. Update to follow  
 PH

### 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #2

Fire fighting efforts continue. CG vessels are monitoring run off from the fire fighting efforts and standing by to deploy equipment as required. Schnitzer has contracted Valley Towing to assist with cargo movement to assist with fire fighting efforts and are coordinating with the Port Authority. The Fraser river remains open to vessel traffic as normal. Next Coordination conference call will be led by the Vancouver Port Authority at 1400 PDT. All media requests are to be routed to the Port Authority. CG continues to support all efforts surrounding this incident  
 PH

### 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE – UPDATE #1

ER duty officer on scene, working with barge owner and Vancouver Port Authority to coordinate efforts to extinguish fire and mitigate pollution. Vancouver Port Authority is lead agency for response currently. CG ER has tasked a PRV 3 and PRV 2 (landing craft) with 1000' of containment boom and will assess need to deploy when on scene. Port Authority has a fire boat on scene. Schnitzer steel is working with fire department and Port Authority to extinguish the fire. The fire is burning scrap cars and appliances, and is expected to take several hours to extinguish. The barge is secured to steel pilings away from the river bank.



Next coordination conference call scheduled for 1000 PDT for stakeholders.

GS

### 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL

#### CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE

<b>GENERAL INFORMATION- POLLUTION REPORT</b>			
DATE/TIME OF REPORT:		2018-08-10 05:55 PDT	
DATE/TIME OF SPILL:		2018-08-10 POTENTIAL	
REPORTING PARTY/CONTACT INFO:		VIC MCTS	
<b>SITUATION DETAILS</b>			
LOCATION/POSITION :		SURREY BC, PATULLA BRIDGE -12195 MUSQUEAM DRIVE	
TYPE OF POLLUTANT:		UNKNOWN	
QUANTITY:		UNKNOWN	COLOUR/ODOUR:
ORIGIN:		SCRAP BARGES	
WEATHER CONDITIONS:		CALM, LIGHT WINDS	
ADDITIONAL INFORMATION:		911 FIRE INFORMED ROC FOR POTENTION MARINE POLLUTION. ER OFFICER NOTIFIED AND WILL ASSESS.	
PICTURES:		N/A	
<b>VESSEL INFORMATION (IF APPLICABLE)</b>			

VESSEL NAME:			
CALL SIGN AND MMSI:			
OVERALL LENGTH (LOA) :			
VESSEL TYPE:			
OWNER/AGENT/FLAG:			
ADDITIONAL INFORMATION:			
ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)			
CCG-W ER DUTY OFFICER	2018-08-10	05:50 PDT	GS
TC MARINE SAFETY – VANCOUVER (ONLY IF A VESSEL IS INVOLVED)			
VANCOUVER HM (ONLY WITHIN HARBOUR OR SHIP BOUND FOR HARBOUR)			
Area MCTS Centre			
DFO PUBLIC AFFAIRS (NEWS POTENTIAL ONLY)			
ROC OFFICER:	CK		
REGIONAL OPERATIONS CENTRE - WESTERN			
CANADIAN COAST GUARD/GOVERNMENT OF CANADA			
<a href="mailto:ROC1-COR1.MPO@dfo-mpo.gc.ca">ROC1-COR1.MPO@dfo-mpo.gc.ca</a> /TEL (hotline) : 1-800-889-8852 /			
TEL (non-emergency): 250-480-2772 / BB: [REDACTED]			
 <div> <div>Fisheries and Oceans Canada</div> <div>Pêches et Océans Canada</div> <div>Canadian Coast Guard</div> <div>Garde côtière canadienne</div> </div>			
			

**ROC1 / COR1 (DFO/MPO)**

---

**From:** EMBC ECC1 EMBC:EX [REDACTED]  
**Sent:** 2018-August-10 3:21 PM  
**To:** ROC1 / COR1 (DFO/MPO); Brett, Rhonda ENV:EX; LMR Website Contact ENV:EX; ENV  
EEP Duty Manager ENV:EX; Fuller, Ryan ENV:EX; MacDougall, Christy ENV:EX; Meeks,  
Ken ENV:EX; Pope, Mitch ENV:EX; Robertson, Ashley B ENV:EX; \*INAC; \*Public Safety  
Canada PSC ; Anderson, Gordon A EMBC:EX; Boyle, Laurie F ENV:EX; Brooke, Daisy  
GCPE:EX; Cooper, Robert EMBC:EX; Duffy, Chris D EMBC:EX; EMBC OPERATIONS  
REGIONAL STAFF ALL; EMBC PDM EMBC:EX; EMBC Social Media; Fallows, Norm ENV:EX;  
French, Ron EMBC:EX; Hurst, Maurie L EMBC:EX; IRR Critical Incidents and Emergency  
Management Branch; Jonker, Jennifer B ENV:EX; Lipsett, Kandis ENV:EX; Knox, Graham G  
AGRI:EX; Launder, Sue R EMBC:EX; Lightbody, Ian EMBC:EX; HLTH MOC Duty Officer  
HLTH:EX; Owens, Rick EMBC:EX; Poss, Angie ENV:EX; Ree, Terrance EMBC:EX; Robins,  
Shawn GCPE:EX; Sego, D'Arcy ENV:EX; Sinnemann, Christina ENV:EX; Turner, Jordan  
GCPE:EX; Turner, Robert EMBC:EX  
**Subject:** DGIR 181701 update #7 CODE 2  
**Attachments:** DGIR 181701 update #7.pdf

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Saanichton, BC CANADA V8M 2A5

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## Dangerous Goods Incident Report (DGIR)

**DGIR 181701 - UPDATE # 7**

**Type :** OCEAN UPDATE  
**Subject :** BARGE FIRE - CODE 2  
**Task # :** 192540  
**Assigned To :** RICK WAGNER  
**Incident Area :** SURREY

**Original Entry Logged :** 2018-08-10 06:13  
**Amount :** \$100  
**ASE Number :**  
**EMBC Region :** SWE  
**MOE Region :** Lower Mainland Region  
**MCTS# :** 0678

**Location :** NEAR 12195 MUSQUEAM DRIVE- PATULLO BRIDGE

**Caller :** VIA EMAIL  
**Organization :** CCG-ROC  
**Primary No :**  
**Alt No :**

**This Update Logged :** 2018-08-10 15:15  
**EMBC Operations Officer :** ISABELLE

### Details :

Fire fighting efforts continues. The fire has diminished in size and intensity. Material is being removed from the barge and transferred to shore where further cooling of the material is taking place. Air quality monitoring is in place. A request for water quality testing has been made, arrangements are being made. On water crews report no pollution observed. CG crews remain on scene with equipment standing by. Update to follow

### Notification :

15:15- briefed MOE RO Christy MacDougall (Surrey)  
15:15- briefed PDM Sommerville  
15:16- briefed NEEC  
15:16- briefed RDM Jesse Ferguson and John Forrest (shadowing)  
15:20- emailed MOE Surrey/ CCG-ROC and Code 2 Dist list

**ROC1 / COR1 (DFO/MPO)**

---

**From:** EMBC ECC1 EMBC:EX [REDACTED]  
**Sent:** 2018-August-10 6:02 PM  
**To:** ROC1 / COR1 (DFO/MPO); Brett, Rhonda ENV:EX; LMR Website Contact ENV:EX; ENV  
EEP Duty Manager ENV:EX; Fuller, Ryan ENV:EX; MacDougall, Christy ENV:EX; Meeks,  
Ken ENV:EX; Pope, Mitch ENV:EX; Robertson, Ashley B ENV:EX; \*INAC; \*Public Safety  
Canada PSC ; Anderson, Gordon A EMBC:EX; Boyle, Laurie F ENV:EX; Brooke, Daisy  
GCPE:EX; Cooper, Robert EMBC:EX; Duffy, Chris D EMBC:EX; EMBC OPERATIONS  
REGIONAL STAFF ALL; EMBC PDM EMBC:EX; EMBC Social Media; Fallows, Norm ENV:EX;  
French, Ron EMBC:EX; Hurst, Maurie L EMBC:EX; IRR Critical Incidents and Emergency  
Management Branch; Jonker, Jennifer B ENV:EX; Lipsett, Kandis ENV:EX; Knox, Graham G  
AGRI:EX; Launder, Sue R EMBC:EX; Lightbody, Ian EMBC:EX; HLTH MOC Duty Officer  
HLTH:EX; Owens, Rick EMBC:EX; Poss, Angie ENV:EX; Ree, Terrance EMBC:EX; Robins,  
Shawn GCPE:EX; Sego, D'Arcy ENV:EX; Sinnemann, Christina ENV:EX; Turner, Jordan  
GCPE:EX; Turner, Robert EMBC:EX  
**Subject:** DGIR 181701 Update 8  
**Attachments:** DGIR 181701 Update 8.pdf

**Mike Dryburgh** ECC Operations Officer  
Emergency Management BC  
Block A – Suite 200, 2261 Keating Cross Rd  
Saanichton, BC CANADA V8M 2A5

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## Dangerous Goods Incident Report (DGIR)

**DGIR 181701 - UPDATE # 8**

**Type :** OCEAN UPDATE  
**Subject :** BARGE FIRE - CODE 2  
**Task # :** 192540  
**Assigned To :** RICK WAGNER  
**Incident Area :** SURREY

**Original Entry Logged :** 2018-08-10 06:13  
**Amount :** \$2100  
**ASE Number :**  
**EMBC Region :** SWE  
**MOE Region :** Lower Mainland Region  
**MCTS# :** 0678

**Location :** NEAR 12195 MUSQUEAM DRIVE- PATULLO BRIDGE

**Caller :** CHRISTY MACDOUGALL  
**Organization :** MOE RO  
**Primary No :**  
**Alt No :**

**This Update Logged :** 2018-08-10 17:37  
**EMBC Operations Officer :** MIKE

### Details :

This incident can now be downgraded to code 1 as it is under control and almost out. There is a second crew arriving at 1800 to continue removing material from the barge.

### Notification :

1740 briefed PDM Sommerville  
1740 briefed RDM Jesse Ferguson and John Forrest  
1746 emailed MOE Surrey/ CCG-ROC and Code 2 Dist list

## **ROC1 / COR1 (DFO/MPO)**

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**From:** Brady, Jeff  
**Sent:** 2018-August-11 9:43 AM  
**To:** ROC1 / COR1 (DFO/MPO)  
**Cc:** Linda.Pillsworth@fnha.ca; Melissa.Daniels@fnha.ca  
**Subject:** RE: 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #3

**Update:**

The fire is completely out, and it is now safe to boom off the vessel. Schnitzer steel is hiring local responders to complete the booming.

Sea Island CCG will be on scene to day to provide update on the barge's condition (if it has a list, pumping water, removing cargo), and to confirm there is no pollution.

Updates to follow.

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** Friday, August 10, 2018 3:11 PM  
**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #3

**0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #3**

Fire fighting efforts continues. The fire has diminished in size and intensity. Material is being removed from the barge and transferred to shore where further cooling of the material is taking place. Air quality monitoring is in place. A request for water quality testing has been made, arrangements are being made. On water crews report no pollution observed. CG crews remain on scene with equipment standing by. Update to follow  
PH

---

**0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #2**

Fire fighting efforts continue. CG vessels are monitoring run off from the fire fighting efforts and standing by to deploy equipment as required. Schnitzer has contracted Valley Towing to assist with cargo movement to assist with fire fighting efforts and are coordinating with the Port Authority. The Fraser river remains open to vessel traffic as normal. Next Coordination conference call will be led by the Vancouver Port Authority at 1400 PDT. All media requests are to be routed to the Port Authority. CG continues to support all efforts surrounding this incident  
PH



---

**0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE – UPDATE #1**

ER duty officer on scene, working with barge owner and Vancouver Port Authority to coordinate efforts to extinguish fire and mitigate pollution. Vancouver Port Authority is lead agency for response currently. CG ER has tasked a PRV 3 and PRV 2 (landing craft) with 1000' of containment boom and will assess need to deploy when on scene. Port Authority has a fire boat on scene. Schnitzer steel is working with fire department and Port Authority to extinguish the fire. The fire is burning scrap cars and appliances, and is expected to take several hours to extinguish. The barge is secured to steel pilings away from the river bank.  
Next coordination conference call scheduled for 1000 PDT for stakeholders.  
GS

---

**0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL**  
**CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE**

GENERAL INFORMATION- POLLUTION REPORT			
DATE/TIME OF REPORT:	2018-08-10 05:55 PDT		
DATE/TIME OF SPILL:	2018-08-10 POTENTIAL		
REPORTING PARTY/CONTACT INFO:	VIC MCTS		
SITUATION DETAILS			
LOCATION/POSITION :	SURREY BC, PATULLA BRIDGE -12195 MUSQUEAM DRIVE		
TYPE OF POLLUTANT:	UNKNOWN		
QUANTITY:	UNKNOWN	COLOUR/ODOUR:	
ORIGIN:	SCRAP BARGES		
WEATHER CONDITIONS:	CALM, LIGHT WINDS		
ADDITIONAL INFORMATION:	911 FIRE INFORMED ROC FOR POTENTION MARINE POLLUTION. ER OFFICER NOTIFIED AND WILL ASSESS.		
PICTURES:	N/A		
VESSEL INFORMATION (IF APPLICABLE)			
VESSEL NAME:			
CALL SIGN AND MMSI:			
OVERALL LENGTH (LOA) :			
VESSEL TYPE:			
OWNER/AGENT/FLAG:			
ADDITIONAL INFORMATION:			
ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)			
CCG-W ER DUTY OFFICER	2018-08-10	05:50 PDT	GS
TC MARINE SAFETY – VANCOUVER (ONLY IF A VESSEL IS INVOLVED)			
VANCOUVER HM (ONLY WITHIN HARBOUR OR SHIP BOUND FOR HARBOUR)			
Area MCTS Centre			
DFO PUBLIC AFFAIRS (NEWS POTENTIAL ONLY)			
ROC OFFICER:	CK		
REGIONAL OPERATIONS CENTRE - WESTERN			
CANADIAN COAST GUARD/GOVERNMENT OF CANADA			
ROC1-COR1.MPO@dfo-mpo.gc.ca /TEL (hotline) : 1-800-889-8852 /			
TEL (non-emergency): 250-480-2772 / BB: [REDACTED]			
 <div> <div> <p>Environnement et Océans Canada</p> <p>Environnement Océans</p> </div> <div> <p>Environnement et Océans Canada</p> <p>Environnement Océans</p> </div> </div> 			

## ROC1 / COR1 (DFO/MPO)

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** 2018-August-11 9:48 AM  
**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #4

### 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #4

The fire is completely out, and it is now safe to boom off the vessel. Schnitzer steel is hiring local responders to complete the booming.

Sea Island CCG will be on scene today to provide update on the barge's condition (if it has a list, pumping water, removing cargo), and to confirm there is no pollution.

Updates to follow.

JB

### 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #3

Fire fighting efforts continues. The fire has diminished in size and intensity. Material is being removed from the barge and transferred to shore where further cooling of the material is taking place. Air quality monitoring is in place. A request for water quality testing has been made, arrangements are being made. On water crews report no pollution observed. CG crews remain on scene with equipment standing by. Update to follow

PH

### 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #2

Fire fighting efforts continue. CG vessels are monitoring run off from the fire fighting efforts and standing by to deploy equipment as required. Schnitzer has contracted Valley Towing to assist with cargo movement to assist with fire fighting efforts and are coordinating with the Port Authority. The Fraser river remains open to vessel traffic as normal. Next Coordination conference call will be led by the Vancouver Port Authority at 1400 PDT. All media requests are to be routed to the Port Authority. CG continues to support all efforts surrounding this incident

PH

### 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE – UPDATE #1

ER duty officer on scene, working with barge owner and Vancouver Port Authority to coordinate efforts to extinguish fire and mitigate pollution. Vancouver Port Authority is lead agency for response currently. CG ER has tasked a PRV 3 and PRV 2 (landing craft) with 1000' of containment boom and will assess need to deploy when on scene. Port Authority has a fire boat on scene. Schnitzer steel is working with fire department and Port Authority to extinguish the fire. The fire is burning scrap cars and appliances, and is expected to take several hours to extinguish. The barge is secured to steel pilings away from the river bank.



Next coordination conference call scheduled for 1000 PDT for stakeholders.

GS

### 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL

#### CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE

GENERAL INFORMATION- POLLUTION REPORT	
DATE/TIME OF REPORT:	2018-08-10 05:55 PDT
DATE/TIME OF SPILL:	2018-08-10 POTENTIAL
REPORTING PARTY/CONTACT INFO:	VIC MCTS
SITUATION DETAILS	
LOCATION/POSITION :	SURREY BC, PATULLA BRIDGE -12195 MUSQUEAM DRIVE
TYPE OF POLLUTANT:	UNKNOWN

QUANTITY:	UNKNOWN	COLOUR/ODOUR:
ORIGIN:	SCRAP BARGES	
WEATHER CONDITIONS:	CALM, LIGHT WINDS	
ADDITIONAL INFORMATION:	911 FIRE INFORMED ROC FOR POTENTIAL MARINE POLLUTION. ER OFFICER NOTIFIED AND WILL ASSESS.	
PICTURES:	N/A	
<b>VESSEL INFORMATION (IF APPLICABLE)</b>		
VESSEL NAME:		
CALL SIGN AND MMSI:		
OVERALL LENGTH (LOA) :		
VESSEL TYPE:		
OWNER/AGENT/FLAG:		
ADDITIONAL INFORMATION:		
<b>ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)</b>		
CCG-W ER DUTY OFFICER	2018-08-10	05:50 PDT GS
TC MARINE SAFETY – VANCOUVER (ONLY IF A VESSEL IS INVOLVED)		
VANCOUVER HM (ONLY WITHIN HARBOUR OR SHIP BOUND FOR HARBOUR)		
Area MCTS Centre		
DFO PUBLIC AFFAIRS (NEWS POTENTIAL ONLY)		
ROC OFFICER:	CK	
REGIONAL OPERATIONS CENTRE - WESTERN CANADIAN COAST GUARD/GOVERNMENT OF CANADA ROC1-COR1.MPO@dfo-mpo.gc.ca /TEL (hotline) : 1-800-889-8852 / TEL (non-emergency): 250-480-2772 / BB: [REDACTED]		
 <div> <div> Fisheries and Oceans Canada </div> <div> Pêches et Océans Canada </div> </div> <div> <div> Canadian Coast Guard </div> <div> Gardiennage canadien </div> </div>		
		

## **ROC1 / COR1 (DFO/MPO)**

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**From:** EMBC ECC1 EMBC:EX [REDACTED]  
**Sent:** 2018-August-11 10:38 AM  
**To:** ROC1 / COR1 (DFO/MPO); ENV EEP Duty Manager ENV:EX; Lipsett, Kandis ENV:EX; Mole, Allan ENV:EX; Wagner, Rick S ENV:EX; Watts, Joshua ENV:EX; Brett, Rhonda ENV:EX; LMR Website Contact ENV:EX; Fuller, Ryan ENV:EX; MacDougall, Christy ENV:EX; Meeks, Ken ENV:EX; Pope, Mitch ENV:EX; Robertson, Ashley B ENV:EX  
**Subject:** DGIR 181701 - Update # 9  
**Attachments:** DGIR 181701 - Update # 9.pdf

**Operations Officer | Emergency Coordination Centre**  
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## Dangerous Goods Incident Report (DGIR)

### DGIR 181701 - UPDATE # 9

**Type :** OCEAN UPDATE  
**Subject :** BARGE FIRE - CODE 2  
**Task # :** 192540  
**Assigned To :** RICK WAGNER  
**Incident Area :** SURREY

**Original Entry Logged :** 2018-08-10 06:13  
**Amount :** \$2150  
**ASE Number :**  
**EMBC Region :** SWE  
**MOE Region :** Lower Mainland Region  
**MCTS# :** 0678

**Location :** NEAR 12195 MUSQUEAM DRIVE- PATULLO BRIDGE

**Caller :** BY EMAIL  
**Organization :** CCG-ROC  
**Primary No :**  
**Alt No :**

**This Update Logged :** 2018-08-11 10:11  
**EMBC Operations Officer :** ERIN

#### Details :

The fire is completely out, and it is now safe to boom off the vessel. Schnitzer steel is hiring local responders to complete the booming. Sea Island CCG will be on scene today to provide update on the barge's condition (if it has a list, pumping water, removing cargo), and to confirm there is no pollution. Updates to follow.

#### Notification :

10:13 briefed Rick Wagner MOE RO - requested copy be sent to Kandis Lipsett MOE HQ  
10:16 briefed Derek Sommerville PDM  
10:22 emailed MOE Kamloops/Surrey/Penticton and CCG-ROC

**D'sa, Leslie**

---

**From:** Nures Kara <nkara@schn.com>  
**Sent:** August-10-18 7:51 PM  
**To:** ENV EEP Duty Manager ENV:EX; MacDougall, Christy ENV:EX; Chiang, Eric;  
Linda.Pillsworth@fnha.ca; Brady, Jeff; [REDACTED]; [REDACTED];  
[REDACTED]; 'Harbour\_Master@portvancouver.com'  
**Subject:** Schnitzer Surrey Barge Fire Incident - Water Quality Sampling Update  
**Importance:** High

Good Evening All,

Further to our previous discussions on the Vancouver Port Authority (VFPA) led Incident Command calls today, surface water samples were collected this evening (approximately between 6pm and 6:45pm) by Schnitzer's environmental consultants – Envirochem. Schnitzer staff and a Musqueam First Nations representative were present aboard the VFPA's Harbour Patrol boat to observe the sampling event.

Three (3) samples were taken based on guidance from Musqueam First Nations – one upstream of the barge and two downstream of the barge within the vicinity of the Patullo Bridge/New West Rail bridge and Sky Train bridge.

As I mentioned on our 5pm call this evening, below is list of physical parameters selected for analysis:

- Benzene, toluene, ethylbenzene, xylenes (BTEX) and styrene
- Light-extractable/heavy-extractable petroleum hydrocarbons (LEPH/HEPH)
- Extractable petroleum hydrocarbons (EPH)
- Volatile petroleum hydrocarbons (VPH)
- Polycyclic aromatic hydrocarbons (PAH)
- Glycols
- Total Metals

Kandis/Christy - Please forward this e-mail to Environment Canada; thanks.

Kind Regards,

Nures

---

**Nures Kara**

Senior Environmental/Project Manager, Surrey | **SCHNITZER**

**OFFICE ADDRESS** | 12195 Musqueam Drive, Surrey, BC V3V 3T2

**SITE ADDRESS** | 12301 Musqueam Drive, Surrey, BC V3V 3T2

T:604-586-6765 | E:[nkara@schn.com](mailto:nkara@schn.com)

C:604-999-0924



 Please consider the environment before printing this email

**No information has been removed or severed from this page**

**D'sa, Leslie**

---

**From:** Harris, Piper  
**Sent:** August-10-18 5:47 PM  
**To:** Brady, Jeff  
**Cc:** Murdock, Philip  
**Subject:** Re: 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLA BRIDGE UPDATE 2

**Roger Wilco**

**Piper Harris**

**Coast Guard**

**Environmental Response**

On Fri, Aug 10, 2018 at 5:44 PM -0700, "Brady, Jeff" <[Jeff.Brady@dfo-mpo.gc.ca](mailto:Jeff.Brady@dfo-mpo.gc.ca)> wrote:

Please amend to say PRV 2 has RTB and PRV 3 will be departing shortly.

**Jeff Brady**

**Deputy Superintendent**

**Environmental Response**

**Canadian Coast Guard**

**(604) 816-7432**

**[Jeff.Brady@dfo-mpo.gc.ca](mailto:Jeff.Brady@dfo-mpo.gc.ca)**

**To report marine pollution call 1-800-889-8852**

On Fri, Aug 10, 2018 at 3:08 PM -0700, "Harris, Piper" <[Piper.Harris@dfo-mpo.gc.ca](mailto:Piper.Harris@dfo-mpo.gc.ca)> wrote:

Please see below for update to NINP (in blue). I will send it to the ROC upon your approval

**PH**

**From:** ROC1 / COR1 (DFO/MPO)

**Sent:** August-10-18 11:38 AM

**Subject:** 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLA BRIDGE

**Description of threat/event:** At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security.

**1115 PDT Firefighting efforts continue.** Vancouver harbour fire boat remains on scene and is coordinating logistics to remain on scene as required. Barge stability remains good. Schnitzer has contracted Valley Towing's barge and crane to assist with cargo movement to assist firefighting efforts. Schnitzer has been asked to provide air quality monitoring. On water pollution is reported to be minimal non recoverable sheen. Next conference call led by Vancouver Port Authority at 1400 PDT

**1500 PDT firefighting efforts continue.** Size and intensity of the fire is greatly diminished. Material is being removed from the barge and placed ashore where further cooling and monitoring is more easily possible. Air quality monitoring is in place. Water quality has been requested by two local First Nations as there is a fishery currently open. Water quality testing is being arranged. CG on water crew's report no pollution. Next conference call led by Vancouver Port Authority at 1700 PDT

**Anticipated Media Attention:**

High

Media requests are to be routed through the Vancouver Port Authority.

**Program Reporting:**

ER

**Current CCG Actions:**

CG PRV 3 is tasked with 1000' of containment boom, CG PRV 2 is tasked to assist with boom deployment. Both vessels from Sea Island CG base have been tasked. CG PRV 2 and 3 are on scene and standing by to deploy equipment as required

**Current Actions (other):**

**Initial analysis/impact assessment on CCG:**

None

**Notification provided to:**

Standard distribution list

**Next Steps:**

Assess need to deploy containment boom once on scene. Ensure vessels in the area remain at a safe distance. Assist local fire department as required. Monitor and assist as required

**DISCLAIMER \*\*This information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.**

s.16(2)

s.19(1)

**D'sa, Leslie**

---

**From:** Linda Pillsworth <Linda.Pillsworth@fnha.ca>  
**Sent:** August-10-18 3:33 PM  
**To:** Chiang, Eric  
**Cc:** Brady, Jeff; Melissa Daniels  
**Subject:** RE: 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #1

Thank you Eric for looping me in.

Jeff, if we can be copied on any future situation updates to myself and Melissa Daniels please .  
Thanks. [Melissa.Daniels@fnha.ca](mailto:Melissa.Daniels@fnha.ca)

Linda

**From:** Chiang, Eric [mailto:Eric.Chiang@dfo-mpo.gc.ca]  
**Sent:** Friday, August 10, 2018 3:29 PM  
**To:** Linda Pillsworth <Linda.Pillsworth@fnha.ca>  
**Cc:** Brady, Jeff <Jeff.Brady@dfo-mpo.gc.ca>  
**Subject:** FW: 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #1

6048992339 / ID [REDACTED]

Sorry forgot to mention – next call is 1700 today.

BC Duty Officer = MacDougall, Christy ENV:EX [Christy.MacDougall@gov.bc.ca](mailto:Christy.MacDougall@gov.bc.ca)

Hope this helps to get the balls rolling on your side. Cheers,

Eric

---

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** 2018–August-10 9:48 AM  
**To:** Chan, Aaron; Burke, Andrew; Barrett, Paul; Bate, Dan; Ben Tooby Parks Canada; Birchard, Terry; Brady, Jeff; Brickett, JJ; CCG MCTS RHQ Western / GCC SCTM bureau régional l'Ouest (DFO/MPO); Cheverie, Megan; Crewe, Mia; Cunningham, Barry; Davison, Lance; Desrosiers, Jason; DFO.F PAC EIR / RIE PAC F.MPO; Dinn, Stephen (Vic); ECCC; Elford, Dale; EMBC - PECC; Environment Canada; Evans, Clay; Evans, Glenna; Farrell, Randy; Fehr, Amanda; Girouard, Louise; Girouard, Roger; Gladson, Brandy; Goffic, Jody; Gordon, Elysha; Grant, Janet; Gray, Scott; Hache, Gabe; Hahlen, Marc; Harbour Master Nanaimo; Harbour Master Prince Rupert; Harbour Master Vancouver; Harbour Master Victoria (ZP; Harris, Piper; Hayer, Amrit; Henthorne, Colin; Hunt, Cliff; Imbeau, Michelle; Archambault, Kevin; Lastik, Darryl; Leonard, Mike; Lick, Gregory; Macdonald, Ron; Main Ops Officer / Agent principal des Ops (DFO/MPO); Mariah McCooey; Martens, Michael; Masterman, Brian; McCann, Timothy; McNish, Joanne; MCTS Prince Rupert Supervisor; MCTS Victoria; Meggison, Joe; Middleton, Andrea; Morin, Michel; Moss, Derek; Murdock, Philip; NASP; NASP; Navigation Protection Program; NCC / CCN (DFO/MPO); Oliver, Gillian; Ormiston, Glenn; PAC Radio Room / Salle de radio PAC (DFO/MPO); Pelletier, Mario; Pickrell, Susan; Piper Harris; Prieur, Cloe; Prince Rupert; Public Safety; ROC Planning Officer / agent de planification COR (DFO/MPO); ROC1 / COR1 (DFO/MPO); ROEC Pacific / BRCE Pacifique (DFO/MPO); Roessingh, Desmond; Sharun, Christina; Snow, Carl; Stamnes, Nicole; Statham, Art; Swift, Greg; Tawse, Josh; TC Marine Safety - Ottawa; TC Marine Safety - Vancouver; Thomas, John; Transport Safety Board - Pacific; Van Roosmalen, Miriam; Verret, Gilles; Walker, Gregory; Walker, Matthew; Webb, Nathan; Western ROC Superintendent \ Surintendant ROC Ouest

(DFO/MPO); Westnedge, Kiri; Wong, Helen; Wootton, Brian; Yager, Tyler  
**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #1

**0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE – UPDATE #1**

ER duty officer on scene, working with barge owner and Vancouver Port Authority to coordinate efforts to extinguish fire and mitigate pollution. Vancouver Port Authority is lead agency for response currently. CG ER has tasked a PRV 3 and PRV 2 (landing craft) with 1000' of containment boom and will assess need to deploy when on scene. Port Authority has a fire boat on scene. Schnitzer steel is working with fire department and Port Authority to extinguish the fire. The fire is burning scrap cars and appliances, and is expected to take several hours to extinguish. The barge is secured to steel pilings away from the river bank.

Next coordination conference call scheduled for 1000 PDT for stakeholders.

GS

**0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL**

**CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE**

<b>GENERAL INFORMATION- POLLUTION REPORT</b>			
DATE/TIME OF REPORT:	2018-08-10 05:55 PDT		
DATE/TIME OF SPILL:	2018-08-10 POTENTIAL		
REPORTING PARTY/CONTACT INFO:	VIC MCTS		
<b>SITUATION DETAILS</b>			
LOCATION/POSITION :	SURREY BC, PATULLA BRIDGE -12195 MUSQUEAM DRIVE		
TYPE OF POLLUTANT:	UNKNOWN		
QUANTITY:	UNKNOWN	COLOUR/ODOUR:	
ORIGIN:	SCRAP BARGES		
WEATHER CONDITIONS:	CALM, LIGHT WINDS		
ADDITIONAL INFORMATION:	911 FIRE INFORMED ROC FOR POTENTION MARINE POLLUTION. ER OFFICER NOTIFIED AND WILL ASSESS.		
PICTURES:	N/A		
<b>VESSEL INFORMATION (IF APPLICABLE)</b>			
VESSEL NAME:			
CALL SIGN AND MMSI:			
OVERALL LENGTH (LOA) :			
VESSEL TYPE:			
OWNER/AGENT/FLAG:			
ADDITIONAL INFORMATION:			
<b>ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)</b>			
CCG-W ER DUTY OFFICER	2018-08-10	05:50 PDT	GS
TC MARINE SAFETY – VANCOUVER (ONLY IF A VESSEL IS INVOLVED)			
VANCOUVER HM (ONLY WITHIN HARBOUR OR SHIP BOUND FOR HARBOUR)			
Area MCTS Centre			
DFO PUBLIC AFFAIRS (NEWS POTENTIAL ONLY)			
ROC OFFICER:	CK		

**REGIONAL OPERATIONS CENTRE - WESTERN**  
**CANADIAN COAST GUARD/GOVERNMENT OF CANADA**  
**ROC1-COR1.MPO@dfo-mpo.gc.ca / TEL (hotline) : 1-800-889-8852 /**  
**TEL (non-emergency): 250-480-2772 / BB: [REDACTED]**



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

Canadian  
Coast Guard

Garde côtière  
canadienne



**D'sa, Leslie**

---

**From:** Harris, Piper  
**Sent:** August-10-18 3:09 PM  
**To:** Brady, Jeff  
**Cc:** Murdock, Philip  
**Subject:** RE: 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLA BRIDGE UPDATE 2

Please see below for update to NINP (in blue). I will send it to the ROC upon your approval

PH

---

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** August-10-18 11:38 AM  
**Subject:** 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLA BRIDGE

**Description of threat/event:** At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security.

**1115 PDT Firefighting efforts continue.** Vancouver harbour fire boat remains on scene and is coordinating logistics to remain on scene as required. Barge stability remains good. Schnitzer has contracted Valley Towing's barge and crane to assist with cargo movement to assist firefighting efforts. Schnitzer has been asked to provide air quality monitoring. On water pollution is reported to be minimal non recoverable sheen. Next conference call led by Vancouver Port Authority at 1400 PDT

**1500 PDT firefighting efforts continue.** Size and intensity of the fire is greatly diminished. Material is being removed from the barge and placed ashore where further cooling and monitoring is more easily possible. Air quality monitoring is in place. Water quality has been requested by two local First Nations as there is a fishery currently open. Water quality testing is being arranged. CG on water crew's report no pollution. Next conference call led by Vancouver Port Authority at 1700 PDT

**Anticipated Media Attention:**

High

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**Program Reporting:**

ER

**Current CCG Actions:**

CG PRV 3 is tasked with 1000' of containment boom, CG PRV 2 is tasked to assist with boom deployment. Both vessels from Sea Island CG base have been tasked. CG PRV 2 and 3 are on scene and standing by to deploy equipment as required

**Current Actions (other):**

**Initial analysis/impact assessment on CCG:**

None

**Notification provided to:**

Standard distribution list

**Next Steps:**

Assess need to deploy containment boom once on scene. Ensure vessels in the area remain at a safe distance. Assist local fire department as required. Monitor and assist as required

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**D'sa, Leslie**

---

**From:** Murdock, Philip  
**Sent:** August-10-18 2:48 PM  
**To:** Harris, Piper; Brady, Jeff  
**Subject:** RE: 1700 conference call barge fire

s.16(2)

Thanks Piper!

Philip

**From:** Harris, Piper  
**Sent:** Friday, August 10, 2018 2:46 PM  
**To:** Murdock, Philip <Philip.Murdock@dfo-mpo.gc.ca>; Brady, Jeff <Jeff.Brady@dfo-mpo.gc.ca>  
**Subject:** 1700 conference call barge fire

In case you missed it on the call the next call is at 1700 today.  
Local 604-899-2339  
Toll free 1-877-385-4099  
Access code [REDACTED]

NINP is going to be updated shortly, then it will be up to Jeff to update next time.  
POL report also going to be updated, then up to Jeff for next one.

Side note, CG helicopters are going to be hard to access shortly, as the Province has submitted an ask for CG helo support for land based fires.

Piper Harris  
Canadian Coast Guard  
Environmental Response

**D'sa, Leslie**

---

**From:** D'sa, Leslie  
**Sent:** August-10-18 1:22 PM  
**To:** Brady, Jeff  
**Subject:** Some Photos from this Barge Fire

**<https://www.flickr.com/photos/140530899%40N04/sets/72157699673802804/>**

**Leslie D'Sa**

**A/Executive Assistant, Incident Management  
Canadian Coast Guard, Government of Canada  
[Leslie.D'Sa@dfo-mpo.gc.ca](mailto:Leslie.D'Sa@dfo-mpo.gc.ca) / Tel: 250-480-2703**

**executive assistant par interim,  
Garde côtière canadienne, Gouvernement du Canada  
[Leslie.D'Sa@dfo-mpo.gc.ca](mailto:Leslie.D'Sa@dfo-mpo.gc.ca) / Tél. : 250-480-2703**

**D'sa, Leslie**

---

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** August-10-18 11:38 AM  
**Subject:** 18-088 Incident SITREP #1, ER, BARGE FIRE NEAR PATULLA BRIDGE

**Description of threat/event:** At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security.

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ER

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**Current Actions (other):**

**Initial analysis/impact assessment on CCG:**

None

**Notification provided to:**

Standard distribution list

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Assess need to deploy containment boom once on scene. Ensure vessels in the area remain at a safe distance. Assist local fire department as required. Monitor and assist as required

**DISCLAIMER \*\*This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.**

**D'sa, Leslie**

---

**From:** Chiang, Eric  
**Sent:** August-10-18 12:38 PM  
**To:** Brady, Jeff; kandis.lipsett@gov.bc.ca  
**Subject:** RE: Schnitzer Contact

**Thanks Jeff. Hello Kandis!**

**Cc'ing Nicole Backe, my colleague acting Env. Incident Coordinator @ DFO as well.  
Thanks**

**Eric Chiang**

**Senior Regional Response Planning Officer / Environmental Incident Coordinator**

**Regional Response Planning  
Oceans Program  
Fisheries and Oceans Canada, Pacific Region  
200 - 401 Burrard Street  
Vancouver, BC V6C 3S4  
Tel (604) 666-0017  
Cel [REDACTED]**



Government  
of Canada

Gouvernement  
du Canada

**Canada**

**From:** Brady, Jeff  
**Sent:** 2018-August-10 12:31 PM  
**To:** kandis.lipsett@gov.bc.ca; Chiang, Eric  
**Subject:** Schnitzer Contact

Scene/

**Jeff Brady**  
**Deputy Superintendent**  
**Environmental Response**  
**Canadian Coast Guard**  
**(604) 816-7432**  
**Jeff.Brady@dfo-mpo.gc.ca**

**To report marine pollution call 1-800-889-8852**

## Dagenais, Samantha

---

**From:** Lipsett, Kandis ENV:EX <Kandis.Lipsett@gov.bc.ca>  
**Sent:** August 10, 2018 4:12 PM  
**To:** Brady, Jeff; Chiang, Eric  
**Cc:** MacDougall, Christy ENV:EX  
**Subject:** RE: Schnitzer Contact

Thank-you!

I am going to forward this information to Christy Macdougall on site Response Officer who is lead Provincial Incident Commander.

Cheers,



Kandis Lipsett, BSc. PChem

Senior Environmental Emergency Response Officer  
Environmental Emergencies Program  
Southern Interior Region/Penticton  
250-490-8243 | [REDACTED] [Kandis.Lipsett@gov.bc.ca](mailto:Kandis.Lipsett@gov.bc.ca)  
Report a spill: 1-800-663-3456

---

**From:** Brady, Jeff [mailto:Jeff.Brady@dfo-mpo.gc.ca]  
**Sent:** August-10-18 12:31 PM  
**To:** Lipsett, Kandis ENV:EX; Chiang, Eric  
**Subject:** Schnitzer Contact

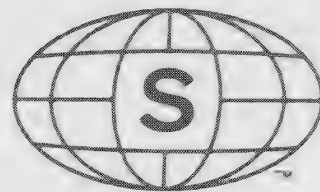
Scene/

Jeff Brady  
Deputy Superintendent  
Environmental Response  
Canadian Coast Guard  
(604) 816-7432  
Jeff.Brady@dfo-mpo.gc.ca

To report marine pollution call 1-800-889-8852

	Long/		Depth/
	Ph #/		Insuran
	Wind/		Precipit
	OSC or FMO		L.O.E./
Scene/	Response Order/	Y N	Contract
	Cross boarder/	Y N	JRT/

# Schnitzer



**Nures Kara**

**Senior Environmental/Project Manager**

12301 Musqueam Drive, Surrey BC V3V 3T2

TEL: 604.586.6765 CELL: 604.999.0924

EMAIL: nkara@schn.com | www.schnitzersteel.ca

CHATKBO

RE: NOT BOOMING - ANSWER  
SAFE SAFE.

3:00 PM 10:50

UPDATES

MR

RAI

s.19(1)

**D'sa, Leslie**

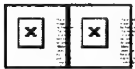
---

**From:** Imbeau, Michelle  
**Sent:** August-10-18 9:32 AM  
**To:** Brady, Jeff  
**Subject:** RE: 18-088 Incident Initial Notification, ER, BARGE FIRE NEAR PATULLA BRIDGE Initial

 Thanks!

---

**From:** Brady, Jeff  
**Sent:** August-10-18 9:26 AM  
**To:** Imbeau, Michelle; Murdock, Philip; Swift, Greg  
**Cc:** Westnedge, Kiri; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO)  
**Subject:** Re: 18-088 Incident Initial Notification, ER, BARGE FIRE NEAR PATULLA BRIDGE Initial



**Jeff Brady**

**Deputy Superintendent**

**Environmental Response**

**Canadian Coast Guard**

**(604) 816-7432**

**Jeff.Brady@dfo-mpo.gc.ca**

**To report marine pollution call 1-800-889-8852**

**On Fri, Aug 10, 2018 at 8:31 AM -0700, "Imbeau, Michelle" <[Michelle.Imbeau@dfo-mpo.gc.ca](mailto:Michelle.Imbeau@dfo-mpo.gc.ca)> wrote:**

**Jeff/Phil/Greg: do you have a photo you can share? I've been asked to write a tweet on this. For your review.**

**Something like this:**

- **#CCGLive: We are on-scene assisting our partners with a barge fire in the Fraser River in Surrey #BritishColumbia. Containment boom is being deployed around the barge as a precautionary measure.**

**Thank you,**

Michelle

---

**From:** ROC1 / COR1 (DFO/MPO)

**Sent:** August-10-18 7:46 AM

**Subject:** 18-088 Incident Initial Notification, ER, BARGE FIRE NEAR PATULLA BRIDGE Initial

**18-088 Incident Initial Notification, ER, Barge Fire Near Patulla Bridge, VANCOUVER – INITIAL**

**CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE**

**Description of threat/event:** At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles was reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire is limited to the cargo on the deck of the barge. No hull damage reported. The barge is secured alongside steel pilings away from the bank of the river. No structures are close to the barge. Vancouver harbour authority is working with the vessel owner to extinguish fire. CG providing on water support and security.

**Anticipated Media Attention:**

High

**Program Reporting:**

ER

**Current CCG Actions:**

CG PRV 3 is tasked with 1000' of containment boom, CG PRV 2 is tasked to assist with boom deployment. Both vessels from Sea Island CG base have been tasked.

**Current Actions (other):**

**Initial analysis/impact assessment on CCG:**

None

**Notification provided to:**

Standard distribution list

**Next Steps:**

Assess need to deploy containment boom once on scene. Ensure vessels in the area remain at a safe distance. Assist local fire department as required.

**DISCLAIMER \*\*This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.**







**Main Ops Officer / Agent principal des Ops (DFO/MPO)**

---

**From:** Main Ops Officer / Agent principal des Ops (DFO/MPO)  
**Sent:** August 11, 2018 08:49  
**To:** XPAC CCG Station Sea Island  
**Cc:** Collins, Peter  
**Subject:** Tasking W18-11349 --- POLLUTION AROUND BARGE PATULLA BRIDGE

Hello,

A new tasking has been issued for Sea Island Station, Patrol 18-06:

W18-11349 - Please arrange to investigate for pollution around the Barge at Pattulla Bridge

Contact: ER Duty Officer 604.816.7432  
Program: ER

Note: Please contact Jeff Brady once on scene

Regards,

Terry Birchard  
Acting Operations Officer, Canadian Coast Guard  
Regional Operations Centre, Western Region  
25 Huron Street, Victoria, V8V 4V9

Telephone: 250-413-2800  
Fax: 250-413-2810  
[roc3@dfo-mpo.gc.ca](mailto:roc3@dfo-mpo.gc.ca)

**Main Ops Officer / Agent principal des Ops (DFO/MPO)**

---

**From:** Main Ops Officer / Agent principal des Ops (DFO/MPO)  
**Sent:** August 10, 2018 07:05  
**To:** XPAC CCG Station Sea Island  
**Cc:** Collins, Peter  
**Subject:** Tasking W18-11341 --- Containment Boom Patulla Bridge

Hello,

A new tasking has been issued for Sea Island Station, Patrol 18-06

W18-11341 – Please arrange to transport containment boom to Patulla Bridge

Contact: Greg Swift 236.889.6218  
Program: ER

Regards,

Terry Birchard  
Acting Operations Officer, Canadian Coast Guard  
Regional Operations Centre, Western Region  
25 Huron Street, Victoria, V8V 4V9

Telephone: 250-413-2800  
Fax: 250-413-2810  
[roc3@dfo-mpo.gc.ca](mailto:roc3@dfo-mpo.gc.ca)

**Main Ops Officer / Agent principal des Ops (DFO/MPO)**

---

**From:** Main Ops Officer / Agent principal des Ops (DFO/MPO)  
**Sent:** August 12, 2018 08:32  
**Cc:** Collins, Peter  
**Subject:** Tasking W18-11351 --- INVESTIGATE FOR POLLUTION

Hello,

A new tasking has been issued for Sea Island Station, Patrol 18-06:

W18-11351 - Please arrange to investigate for pollution around the Barge at Pattulla Bridge PM

Contact: Jeff Brady 604.816.7432  
Program: ER

Regards,

Terry Birchard  
Acting Operations Officer, Canadian Coast Guard  
Regional Operations Centre, Western Region  
25 Huron Street, Victoria, V8V 4V9

Telephone: 250-413-2800  
Fax: 250-413-2810  
[roc3@dfo-mpo.gc.ca](mailto:roc3@dfo-mpo.gc.ca)

**D'sa, Leslie**

---

**From:** Bate, Dan  
**Sent:** August-11-18 11:17 AM  
**To:** Brady, Jeff  
**Cc:** Imbeau, Michelle  
**Subject:** Photo from the barge site today

Hey Jeff - NHQ is looking to tweet about the fact the fire on the barge is out. Do you have any current photos you could send?

Thanks.

Dan

Get [Outlook for iOS](#)

**D'sa, Leslie**

---

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** August-11-18 10:59 AM  
**Subject:** 18-088 Incident Sitrep FINAL, ER, BARGE FIRE NEAR PATULLO BRIDGE

**Importance:** High

## **18-088 Incident Sitrep FINAL, ER, BARGE FIRE NEAR PATULLO BRIDGE**

**1. CCG Region/Incident Name:**

Western/ Barge Fire Fraser River (Surrey, BC)

**2. Incident Category/Type:**

ER/Type 4

**3. Date/Time:**

08/11/18, 1100hrs PST

**4. Primary Department(s)/Agency(s):**

Vancouver Port Authority, Surrey/Vancouver Fire Departments, BC Ministry of Environment

**5. Supporting Departments/Agencies:**

Canadian Coast Guard, Musqueam First Nation, Vancouver Coast Health, FN Health Authority

**6. Regional Location:**

a. Province/Territory: *BC, Fraser River*

b. City: *Surrey*

c. Amplifying location details (as required): *Pattula Bridge*

**7. Current Situation:**

Crew continuously sprayed water on the fire throughout the night, and the fire onboard the scrap metal barge is out. Crews continue to unload cargo from the barge deck, and a damage assessment is underway. At this time, the barge has significant warping and discolouration from the heat.

**8. Actions Taken:**

Three (3) samples were taken based on guidance from Musqueam First Nations – one upstream of the barge and two downstream of the barge within the vicinity of the Patullo Bridge/New West Rail bridge and Sky Train bridge.

**9. Media/Public Communications:**

**Media activity has reduced since the fire was put out, and smoke dissipated.**

**10. Activities Next 24 Hours:**

Now the fire is out, crews (local contractor) will be deploying containment boom around the vessel as a preventative measure.

Sea Island CCG will be on scene to day to provide update on the barge's condition (if it has a list, pumping water, removing cargo), and to confirm there is no pollution.

**11. Environmental Factors:**

Significant current in the Fraser River.

**12. Significant Issues:**

*This weekend was a planned opening for the sockeye salmon food fishery for local first nations. Nations communicated significant concern for the amount, and toxicity of water run off, following firefighting activities.*

**13. Personnel Status:**

a. **CCG:** 2

b. **Others:** 18 (Owner and Contractors)

**14. Equipment Status:**

a. **CCG:** 1000' of curtain boom

b. **Others:** Small vessel for booming and samples.

**15. New Requirements:** None

**16. Command Assessment:** CCG remains as a resource agency to the Port of Vancouver. No new resource requests have been made from the Port.

## 17. Next SITREP FINAL

No information has been removed or severed from this page

**D'sa, Leslie**

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**From:** Murdock, Philip  
**Sent:** August-11-18 10:30 AM  
**To:** Brady, Jeff  
**Subject:** RE: DRAFT Incident Sitrep Barge Fire

The NINP looks great. And yes I agree, this should be a final.

Quick question; are they using a contractor boom or a CCG boom?

Thanks

Philip  
Philip Murdock  
Superintendent, Environmental Response  
CCG Western Region

---

**From:** Brady, Jeff  
**Sent:** August 11, 2018 10:18 AM  
**To:** Murdock, Philip  
**Subject:** DRAFT Incident Sitrep Barge Fire

Hello Phil,  
Please see proposed NINP update below for the Barge Fire. Also, I recommend this be final.  
Jeff

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** Saturday, August 11, 2018 9:44 AM  
**To:** Brady, Jeff <Jeff.Brady@dfo-mpo.gc.ca>  
**Subject:** XX-XXX Incident Sitrep #X , Reporting Program, INSERT Brief Description/Location

XX-XXX Incident Sitrep #1, Reporting Program, INSERT Brief Description/Location

1. CCG Region/Incident Name:

Western/ Barge Fire Fraser River (Surrey, BC)

2. Incident Category/Type:

ER/Type 4

3. Date/Time:

08/11/18, 1100hrs PST

4. Primary Department(s)/Agency(s):

Vancouver Port Authority, Surrey/Vancouver Fire Departments, BC Ministry of Environment

5. Supporting Departments/Agencies:

**Canadian Coast Guard, Musqueam First Nation, Vancouver Coast Health, FN Health Authority**

**6. Regional Location:**

- a. Province/Territory: BC, Fraser River**
- b. City: Surrey**
- c. Amplifying location details (as required): Pattula Bridge**

**7. Current Situation:**

Crew continuously sprayed water on the fire throughout the night, and the fire onboard the scrap metal barge is out. Crews continue to unload cargo from the barge deck, and a damage assessment is underway. At this time, the barge has significant warping and discolouration from the heat.

**8. Actions Taken:**

Three (3) samples were taken based on guidance from Musqueam First Nations – one upstream of the barge and two downstream of the barge within the vicinity of the Patullo Bridge/New West Rail bridge and Sky Train bridge.

**9. Media/Public Communications:**

Media activity has reduced since the fire was put out, and smoke dissipated.

**10. Activities Next 24 Hours:**

Now the fire is out, crews (local contractor) will be deploying containment boom around the vessel as a preventative measure.

Sea Island CCG will be on scene to day to provide update on the barge's condition (if it has a list, pumping water, removing cargo), and to confirm there is no pollution.

**11. Environmental Factors:**

Significant current in the Fraser River.

**12. Significant Issues:**

This weekend was a planned opening for the sockeye salmon food fishery for local first nations. Nations communicated significant concern for the amount, and toxicity of water run off, following firefighting activities.

**13. Personnel Status:**

- a. CCG: 2**
- b. Others: 18 (Owner and Contractors)**

**14. Equipment Status:**

- a. CCG: 1000' of curtain boom**

**b. Others: Small vessel for booming and samples.**

**15. New Requirements: None**

**16. Command Assessment: CCG remains as a resource agency to the Port of Vancouver. No new resource requests have been made from the Port.**

**17. Next SITREP FINAL**

**D'sa, Leslie**

**From:** ROC1 / COR1 (DFO/MPO)  
**Sent:** August-11-18 9:48 AM  
**Subject:** 0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #4

**0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #4**

The fire is completely out, and it is now safe to boom off the vessel. Schnitzer steel is hiring local responders to complete the booming.

Sea Island CCG will be on scene today to provide update on the barge's condition (if it has a list, pumping water, removing cargo), and to confirm there is no pollution.

Updates to follow.

JB

**0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #3**

Fire fighting efforts continues. The fire has diminished in size and intensity. Material is being removed from the barge and transferred to shore where further cooling of the material is taking place. Air quality monitoring is in place. A request for water quality testing has been made, arrangements are being made. On water crews report no pollution observed. CG crews remain on scene with equipment standing by. Update to follow

PH

**0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - UPDATE #2**

Fire fighting efforts continue. CG vessels are monitoring run off from the fire fighting efforts and standing by to deploy equipment as required. Schnitzer has contracted Valley Towing to assist with cargo movement to assist with fire fighting efforts and are coordinating with the Port Authority. The Fraser river remains open to vessel traffic as normal. Next Coordination conference call will be led by the Vancouver Port Authority at 1400 PDT. All media requests are to be routed to the Port Authority. CG continues to support all efforts surrounding this incident

PH

**0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE – UPDATE #1**

ER duty officer on scene, working with barge owner and Vancouver Port Authority to coordinate efforts to extinguish fire and mitigate pollution. Vancouver Port Authority is lead agency for response currently. CG ER has tasked a PRV 3 and PRV 2 (landing craft) with 1000' of containment boom and will assess need to deploy when on scene. Port Authority has a fire boat on scene. Schnitzer steel is working with fire department and Port Authority to extinguish the fire. The fire is burning scrap cars and appliances, and is expected to take several hours to extinguish. The barge is secured to steel pilings away from the river bank.



Next coordination conference call scheduled for 1000 PDT for stakeholders.

GS

**0678- ALERT - 2018 - POL - ROC – SURREY BARGE FIRE - INITIAL**

**CANADIAN COAST GUARD – WESTERN REGION – REGIONAL OPERATIONS CENTRE**

GENERAL INFORMATION- POLLUTION REPORT	
DATE/TIME OF REPORT:	2018-08-10 05:55 PDT
DATE/TIME OF SPILL:	2018-08-10 POTENTIAL
REPORTING PARTY/CONTACT INFO:	VIC MCTS
SITUATION DETAILS	
LOCATION/POSITION :	SURREY BC, PATULLA BRIDGE -12195 MUSQUEAM DRIVE

<b>TYPE OF POLLUTANT:</b>	UNKNOWN		
<b>QUANTITY:</b>	UNKNOWN	<b>COLOUR/ODOUR:</b>	
<b>ORIGIN:</b>	SCRAP BARGES		
<b>WEATHER CONDITIONS:</b>	CALM, LIGHT WINDS		
<b>ADDITIONAL INFORMATION:</b>	911 FIRE INFORMED ROC FOR POTENTIAL MARINE POLLUTION. ER OFFICER NOTIFIED AND WILL ASSESS.		
<b>PICTURES:</b>	N/A		
<b>VESSEL INFORMATION (IF APPLICABLE)</b>			
<b>VESSEL NAME:</b>			
<b>CALL SIGN AND MMSI:</b>			
<b>OVERALL LENGTH (LOA) :</b>			
<b>VESSEL TYPE:</b>			
<b>OWNER/AGENT/FLAG:</b>			
<b>ADDITIONAL INFORMATION:</b>			
<b>ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)</b>			
CCG-W ER DUTY OFFICER	2018-08-10	05:50 PDT	GS
<b>TC MARINE SAFETY – VANCOUVER</b> (ONLY IF A VESSEL IS INVOLVED)			
<b>VANCOUVER HM</b> (ONLY WITHIN HARBOUR OR SHIP BOUND FOR HARBOUR)			
Area MCTS Centre			
<b>DFO PUBLIC AFFAIRS</b> (NEWS POTENTIAL ONLY)			
<b>ROC OFFICER:</b>	CK		
<b>REGIONAL OPERATIONS CENTRE - WESTERN</b>			
<b>CANADIAN COAST GUARD/GOVERNMENT OF CANADA</b>			
<b>ROC1-COR1.MPO@dfo-mpo.gc.ca /TEL (hotline) : 1-800-889-8852 /</b>			
<b>TEL (non-emergency): 250-480-2772 / BB: [REDACTED]</b>			
 <div> <div>Fisheries and Oceans Canada</div> <div>Fisheries et Océans Canada</div> </div> <div> <div>Canadian Coast Guard</div> <div>Garde côtière canadienne</div> </div>			
			

**D'sa, Leslie**

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**From:** Swift, Greg  
**Sent:** August-14-18 5:03 PM  
**To:** Brady, Jeff  
**Subject:** Re: Schnitzer Surrey - Oil boom removal assistance request

Will look at it tomorrow with possibly Dave and Jason

Sent from my BlackBerry 10 smartphone on the Rogers network.

---

**From:** Brady, Jeff  
**Sent:** Tuesday, August 14, 2018 5:01 PM  
**To:** Swift, Greg  
**Subject:** Fwd: Schnitzer Surrey - Oil boom removal assistance request

Jeff Brady  
Deputy Superintendent  
Environmental Response  
Canadian Coast Guard  
(604) 816-7432  
Jeff.Brady@dfo-mpo.gc.ca

To report marine pollution call 1-800-889-8852

----- Forwarded message -----

**From:** "Chris Trinkunas" <[REDACTED]>  
**Date:** Tue, Aug 14, 2018 at 4:51 PM -0700  
**Subject:** RE: Schnitzer Surrey - Oil boom removal assistance request  
**To:** "Brady, Jeff" <Jeff.Brady@dfo-mpo.gc.ca>, "Nures Kara" <nkara@schm.com>, "Carlson, Dave" <Dave.Carlson@dfo-mpo.gc.ca>  
**Cc:** "Harbour\_Master@portvancouver.com" <harbour\_master@portvancouver.com>, "Murdock, Philip" <Philip.Murdock@dfo-mpo.gc.ca>

The boom is ready to be picked up.

**From:** Brady, Jeff [mailto:Jeff.Brady@dfo-mpo.gc.ca]  
**Sent:** Sunday, August 12, 2018 8:46 AM  
**To:** Nures Kara <nkara@schm.com>; Carlson, Dave <Dave.Carlson@dfo-mpo.gc.ca>  
**Cc:** Chris Trinkunas <[REDACTED]>; Harbour\_Master@portvancouver.com <harbour\_master@portvancouver.com>; Murdock, Philip <Philip.Murdock@dfo-mpo.gc.ca>  
**Subject:** [EXTERNAL] Re: Schnitzer Surrey - Oil boom removal assistance request

Good Morning Kara,

Unfortunately CCG will not be able to assist in recovering the containment boom today or tomorrow.

Yesterday I discussed with Chris various other options, which included local contractors.

CCG would appreciate the boom returned on the trailer as it was provided to Schnitzer Steel Friday morning.

Jeff Brady  
Deputy Superintendent  
Environmental Response  
Canadian Coast Guard  
(604) 816-7432  
[Jeff.Brady@dfo-mpo.gc.ca](mailto:Jeff.Brady@dfo-mpo.gc.ca)

To report marine pollution call 1-800-889-8852

From: Nures Kara <[nkara@schn.com](mailto:nkara@schn.com)>  
Sent: Saturday, August 11, 2018 7:02 PM  
To: Carlson, Dave  
Cc: Chris Trinkunas; 'Harbour\_Master@portvancouver.com'; Brady, Jeff  
Subject: Schnitzer Surrey - Oil boom removal assistance request

Good Evening Dave,

Very nice meeting you yesterday and thanks again to you, Jeff and the rest of your team for your assistance; greatly appreciated.

We are hoping you can assist us with removing the oil boom we placed this morning as precautionary measure (there was still no oil sheen or debris evident nearby or downstream).

This is required by tomorrow or very early Monday morning (August 13<sup>th</sup>, 2018) because we have a barge schedule to leave at noon.

Unfortunately, given the length and weight of the boom, we do not have the resources to remove it. Today, we were fortunate to have the assistance of the harbour patrol boat and Valley towing to put in place.

This would be greatly appreciated.

Please contact our Surrey General Manager – Chris Trinkunas (cc'd) at [REDACTED] to coordinate.

Thanks and enjoy the rest of your evening/weekend.

Kind Regards,

Nures

---

**Nures Kara**  
Senior Environmental/Project Manager, Surrey | **SCHNITZER**

**OFFICE ADDRESS** | 12195 Musqueam Drive, Surrey, BC V3V 3T2  
**SITE ADDRESS** | 12301 Musqueam Drive, Surrey, BC V3V 3T2

T:604-586-6765 | [E:nkara@schn.com](mailto:nkara@schn.com)  
C:604-999-0924



 Please consider the environment before printing this email

**D'sa, Leslie**

---

**From:** Swift, Greg  
**Sent:** August-20-18 5:51 PM  
**To:** Brady, Jeff  
**Subject:** Surrey Barge Fire AAR  
**Attachments:** AAR - POL #0678.docx

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Jeff,

[REDACTED]. Please find attached the AAR for the Surrey Barge fire. Please make any changes/additions before I let the guys and gals read it. I hope to be caught up on these before the end of the week.

Take Care  
Greg

Greg Swift  
A/Senior Response Officer  
Canadian Coast Guard Environmental Response,  
4260 Inglis Drive  
Richmond BC  
V7B 1L7

Telephone: (604) 270-3344  
Cell: [REDACTED]

**REPORT MARINE POLLUTION 1-800-889-8852 or VHF Channel 16**

## **Canadian Coast Guard Environment Response - Sea Island**

# **After Action Review (Debrief) Process**

## **Introduction**

After an incident a debrief should be carried out within a minimum of two hours to a maximum of two weeks. The After Action Review (AAR) process is a structured approach to undertaking a debrief and constructive way of identifying lessons identified from the incident.

An AAR is constructed around four questions:

- 1) What was expected to happen?
- 2) What actually occurred?
- 3) Why was there a difference?
- 4) What can be learned?

AARs are usually conducted by a facilitator, who, preferably, was not involved in the incident and usually ensures that there is:

- An open discussion held
- Everyone in the room participates
- Development of learning points

## **Time allowance**

Depending on the complexity of an incident and the number of people involved the time required to undertake an AAR can be 15 minutes to two hours long.

## **Canadian Coast Guard Environment Response - Sea Island**

### **Planning an AAR**

Once a facilitator has been identified, they should be provided with an overview of the incident prior to the AAR.

It is important that the correct amount of time has been allocated to the AAR and that a suitable venue is available to conduct the AAR in.

### **Conducting an AAR**

There are a number of ground rules that all participants in the AAR should be aware of and agree to, prior to the start. These include:

- Leave hierarchy at the door
- Everyone should contribute and everyone's contribution should be respected
- The purpose of the AAR is to learn
- No blame, discussing any potential mistakes made should not lead to blame
- Everyone will have a different truth to share of the same event
- Contributions should be through what people know, feel and believe
- Respect time pressures but all must be fully present - no use of mobile phones
- Make no assumptions, be open and honest

## Canadian Coast Guard Environment Response - Sea Island

### The AAR discussion

#### *What was expected to happen?*

This question is asked to the group for their discussion. The following sub questions could be utilised (if suitable) to aide group discussion:

- Was there a planned response?
- What was the planned response?
- What was your personal expectation to happen in this type of incident
- What was the expected timeline?

#### *What actually occurred?*

This question is asked to the group for their discussion. The following sub questions could be utilised (if suitable) to aide group discussion:

- Each participant should describe - what they did, saw or experienced, during the incident.
- The participants should not be discussing what was good or bad at this stage.

#### *Was there a difference?*

This question is asked to the group for their discussion. The following sub questions could be utilised (if suitable) to aide group discussion:

- Was there a difference between what was expected and what actually happened?
- What were the good points and what didn't work so well?

## Canadian Coast Guard Environment Response - Sea Island

### *What can be learned or identified?*

This question is asked to the group for their discussion. The following sub questions could be utilised (if suitable) to aide group discussion:

- With the benefit of hindsight - what could have been done differently/better?
- Does anything need to be changed to improve future responses?

### Closing the AAR

The key learning points should be summarised from the discussion held, focussing on what lessons have been identified.

Inform participants of what are the next steps i.e. report writing. If actions have arisen in the AAR, it is the responsibility of the AAR participants to take the actions forward and ensure they are brought into the existing reporting mechanisms within their organisation.

### Sharing the Report

Once the report has been completed share it with members of the AAR and ask if the group are happy to share the lessons identified.

An example of a report template is shown below.

## AFTER ACTION REVIEW REPORT

## Canadian Coast Guard Environment Response - Sea Island

Date of Incident	08/11/2018	Name of Incident
Pollution Report #	0678	Surrey Barge Fire

Date of AAR	20/08/2018 @ 0700	Location of AAR	Sea Island
Name of Facilitator		Greg Swift	
Attendees:			
John Thomas, Lance Davison, Nicole Stamnes, Dave Carlson, Jason Langer			

Overview of the Incident
<p>At 0555 PDT August 10, 2018 CCG Regional Operation Centre was advised a scrap barge partially loaded with scrap and vehicles were reported on fire. No one was on board the barge and no persons are at risk on the barge. The fire was limited to the cargo on the deck of the barge. No hull damage was reported. The barge was secured alongside steel pilings away from the bank of the river. No structures were close to the barge.</p> <p>At approximately CCGER Duty Officer arrived on-scene to assess and was not able to determine if pollutants were entering the marine environment. Duty Officer notified Deputy Superintendent and requested equipment be delivered to the site to take an assistance posture if necessary.</p> <p>Fire Fighting efforts and unloading material from barge continued throughout the day. CCGER crews were on-scene until the situation was deemed minimal risk to pollute. Schnitzer steel hired local contractors to deploy CCG boom around barge to mitigate any pollution from run off from barge.</p>
Overview of the discussion at the AAR

## Canadian Coast Guard Environment Response - Sea Island

During the incident a communications failure with the Duty Officer occurred making it difficult to maintain proper communications on-scene to co-ordinate response efforts. It was suggested that a back-up communications plan be developed and Duty Officers start carrying the Sat Phone to ensure continuity with communications. The use of personal phones was discussed and agreed that this would be an acceptable back up.

During deployment when support arrived on-scene it was noticed equipment was missing to initiate an effective response. It was discussed and past experience shared about the importance of prior to departure taking the time necessary to ensure all required equipment is loaded, verified and secured prior to departure.

A discussion was held regarding personnel arriving on-scene with personal vehicles with little or no PPE to conduct their duties safely. It was suggested that employees carry minimal PPE in personal vehicles (i.e Reflective vest, steel toed shoes, hard hat, eye protection, notebook, etc.) in a go bag to ensure minimum safety requirements are met during the initial phase of the response until gear can be delivered to the site. AAR was completed at 0745 hrs.

### Lesson Identified: Communication Plan

It was determined a SOP be developed for events where communications fail to field personnel. This may include Duty Officers carrying the SAT Phone in the event of a failure, the use of personal phones or purchasing a "burner" phone in emergencies.

To be actioned by (if required)	Jeff Brady/Greg Swift
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Date for Completion (if required)	September 2018
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### Lesson Identified: Equipment Verification

Crews to be reminded to take the time to ensure all requested/required equipment is verified and loaded prior to departing base to ensure untimely delays in response are mitigated.

To be actioned by (if required)	Greg Swift
---------------------------------	------------

Date for Completion (if required)	Immediately
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### Lesson Identified: PPE in personal vehicles

## Canadian Coast Guard Environment Response - Sea Island

SRO to discuss with Deputy Superintendent about the carrying of PPE in personal vehicles. To include minimum PPE required when arriving on scene and compensation (if any) for such a requirement.

To be actioned by (if required)	Jeff Brady/Greg Swift
---------------------------------	-----------------------

Date for Completion (if required)	Sept 2018
-----------------------------------	-----------

Lesson Identified: Communications Plan
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To be actioned by (if required)	
---------------------------------	--

Date for Completion (if required)	
-----------------------------------	--

Facilitators Signature	
------------------------	--

Reviewed by:
--------------

Comments:	Signature:

Notes/Comments